GEORGIA INSTITUTE OF TECHNOLOGY — OFFICE OF CONTRACT ADMINISTRATION

PROJECT ADMINISTRATION DATA SHEET

[x] ORIGINAL [ ] REVISION NO. _____

Project No. A-3128 DATE 12/28/81

Project Director: John L. Brown School/Lab EMSL

Sponsor: U. S. Army Engineers WES,CE; Vicksburg, MS 39180

Type Agreement: Order No. DACW39-82-M-0782

Award Period: From 12/4/81 To 2/21/82 (Performance) _____ (Reports)

Sponsor Amount: $4,170.00 (60 @ $69.50 ea.) Contracted through:

Cost Sharing: None GTRI/~~GIT~~X

Title: Soil Particle Samples

ADMINISTRATIVE DATA OCA Contact Linda H. Bowman x4820

1) Sponsor Technical Contact:

Mr. T. W. McBee
U. S. Army Engineers WES, CE
Box 631
Vicksburg, MS 39180

2) Sponsor Admin/Contractual Matters:

Defense Priority Rating: none Security Classification: none

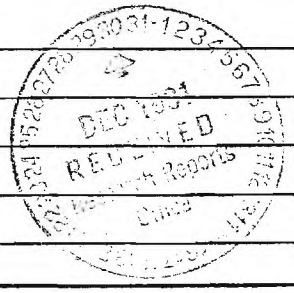
RESTRICTIONS

See Attached N/A Supplemental Information Sheet for Additional Requirements.

Travel: Foreign travel must have prior approval — Contact OCA in each case. Domestic travel requires sponsor approval where total will exceed greater of $500 or 125% of approved proposal budget category.

Equipment: Title vests with N/A

COMMENTS:



COPIES TO:

Administrative Coordinator	Research Security Services	EES Public Relations (2)
Research Property Management	Reports Coordinator (OCA) ✓	Computer Input
Accounting	Legal Services (OCA)	Project File
Procurement/EES Supply Services	Library	Other _____

FORM OCA 4:781

ORGIA INSTITUTE OF TECHNOLOGY — OFFICE OF CONTRACT ADMINISTRATION

SPONSORED PROJECT TERMINATION/CLOSEOUT SHEET

Date November 10, 1983

ject No. A-3128 ~~School~~/Lab EMSL

udes Subproject No.(s) _____

ject Director(s) John L. Brown GTRI / ~~GTRI~~

onsor U.S. Army Engineers WES, CE; Vicksburg, MS

tle Soil Particle Samples

ffective Completion Date: 8/21/82 (Performance) _____ (Reports)

rant/Contract Closeout Actions Remaining:

- [ ] None
- [x] Final Invoice or Final Fiscal Report
- [ ] Closing Documents
- [ ] Final Report of Inventions
- [ ] Govt. Property Inventory & Related Certificate
- [ ] Classified Material Certificate
- [ ] Other _____

Continues Project No. _____ Continued by Project No _____

OPIES TO:

oject Director
esearch Administrative Network
esearch Property Management
ccounting
rocurement/EES Supply Services
esearch Security Services
eports Coordinator (OCA)
egal Services

Library
GTRI
Research Communications (2)
Project File
Other _____

_____

OCA 60-1028

A-3128

Georgia Institute of Technology
ENGINEERING EXPERIMENT STATION
ATLANTA, GEORGIA 30332

September 20, 1982

Ms. Katherine Long
U.S. Army Engineer, W.E.S., CE
P.O. Box 631, Halls Ferry Road
Vicksburg, MS 39180

Reference Project A3128, Tray T-101, T-9A

Dear Ms. Long:

Quantimet analysis of the remaining referenced samples is enclosed. The following charts list the median particle size of each sample.

Tray T-101

Event	Tray Sample No.	Soil Type	Median Partilce Size(μm)
12	A-1	Clay (CH)	25.0
12	A-2	Clay (CH)	17.0
24	A-3	Clay (CH)	3.4
24	A-4	Clay (CH)	19.0
24	A-5	Clay (CH)	16.0
15	A-6	Clay (CH)	19.0
15	B-1	Clay (CH)	14.0
15	B-2	Clay (CH)	14.0
18	B-3	Clay (CH)	14.0
18	B-4	Clay (CH)	4.4
18	B-5	Clay (CH)	4.6
E#2	B-6	Clay (CH)	13.0
E#2	C-1	Clay (CH)	11.0
10	C-2	Dirt	17.0
11	C-3	Dirt	12.0
11	C-4	Dirt	18.0
8	C-5	Soil	22.0
8	C-6	Soil	3.2
9	D-1	Soil	15.0
9	D-2	Soil	19.0

Tray T-9A

Event	Tray Sample No.	Soil Type	Median Particle Size (μm)
15	A-1	Soil	19.0
16	A-3	Soil	12.0
16	A-4	Soil	10.0
3	A-5	Sand	13.0
3	A-6	Sand	13.0
4	B-1	Sand	14.0
4	B-2	Sand	10.0
1	B-3	Clay	11.0
1	B-4	Clay	13.0
2	B-5	Clay	15.0
2	B-6	Clay	3.0
5	C-1	Soil	14.0
5	C-2	Soil	15.0
7	C-3	Soil	16.0
7	C-4	Soil	12.0

This completes all work on hand. The samples will follow under separate cover.

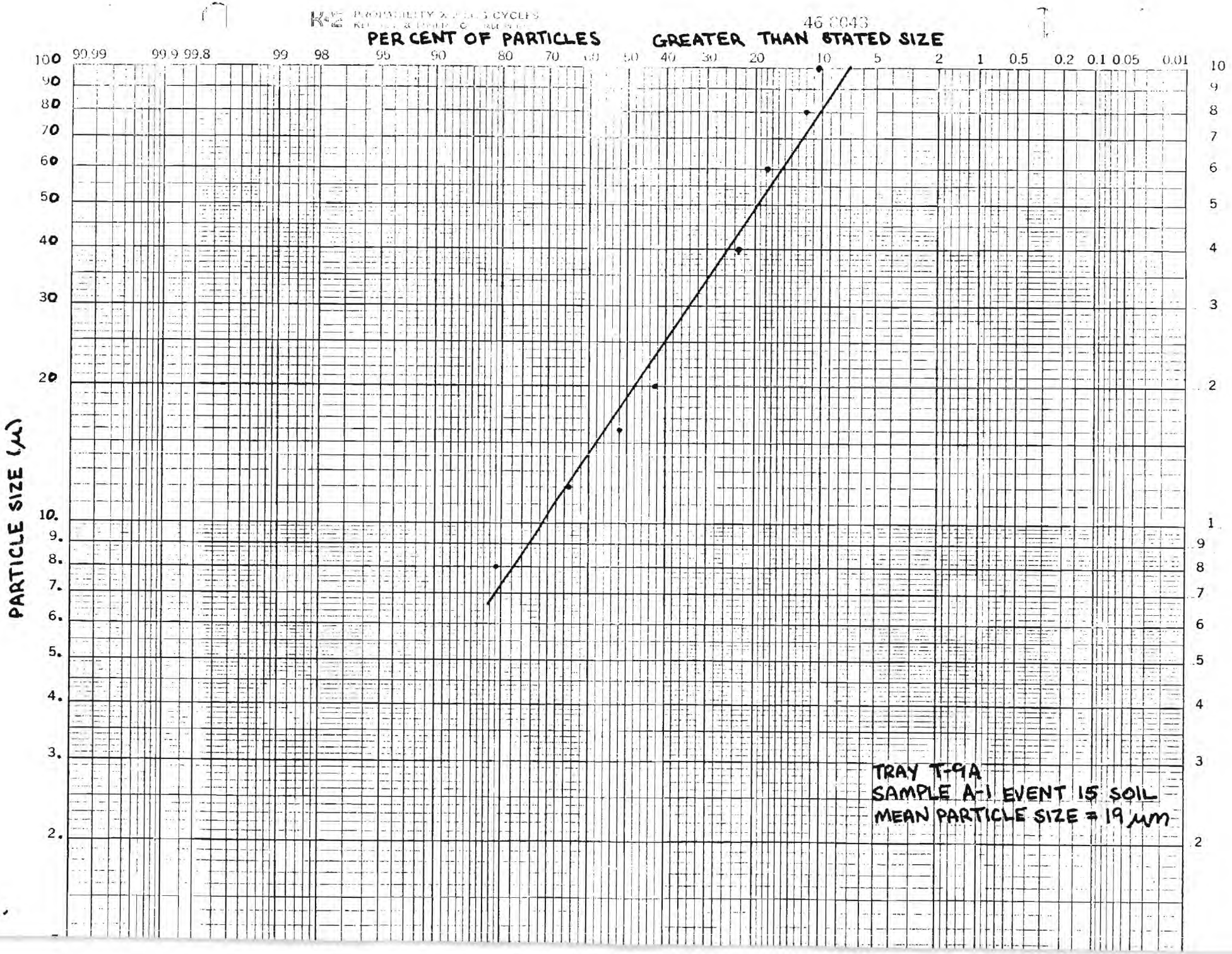
Sincerely,

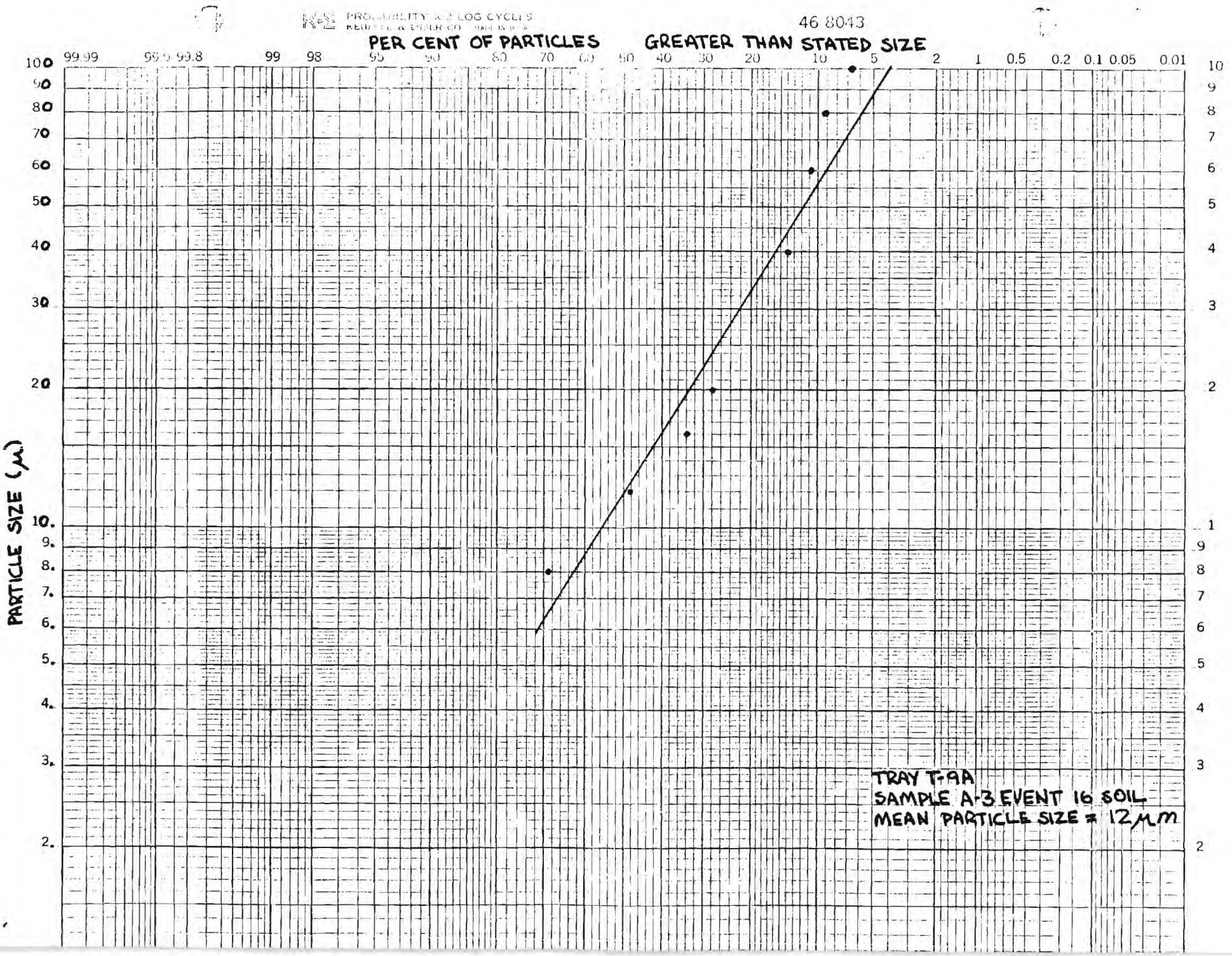
[redacted]

Mrs. Kathryn V. Logan, P.E.
Research Engineer II
Materials Characterization Branch

cns

Enclosures


PERCENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2
PARTICLE SIZE (μ)
TRAY T-9A
SAMPLE A-1 EVENT 15 SOIL
MEAN PARTICLE SIZE = 19 μm


PROBABILITY 3 CYCLE X 2 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
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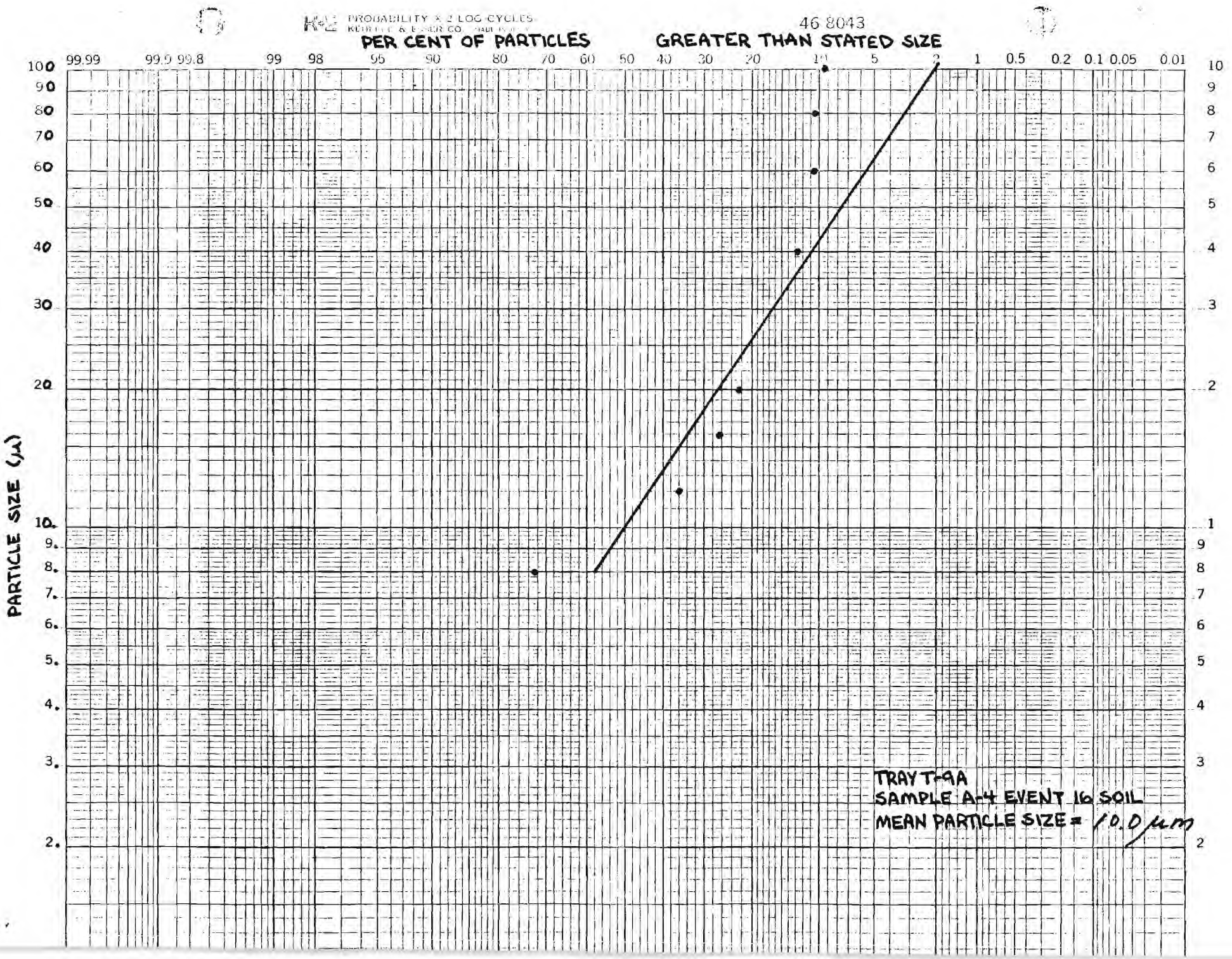
PARTICLE SIZE (μ)
TRAY T-9A
SAMPLE A-3 EVENT 16 SOIL
MEAN PARTICLE SIZE = 12 μm


PROBABILITY X 2 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
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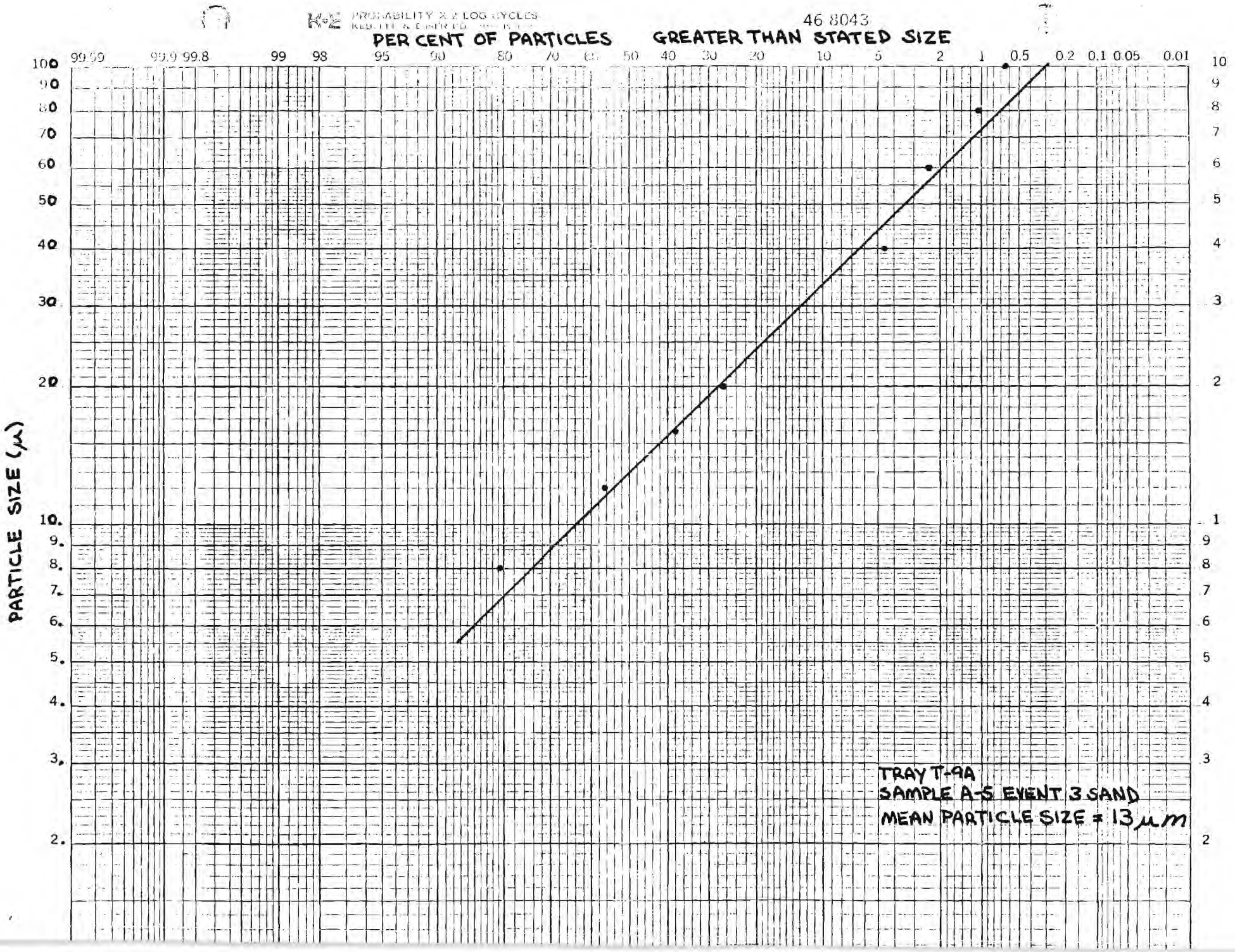
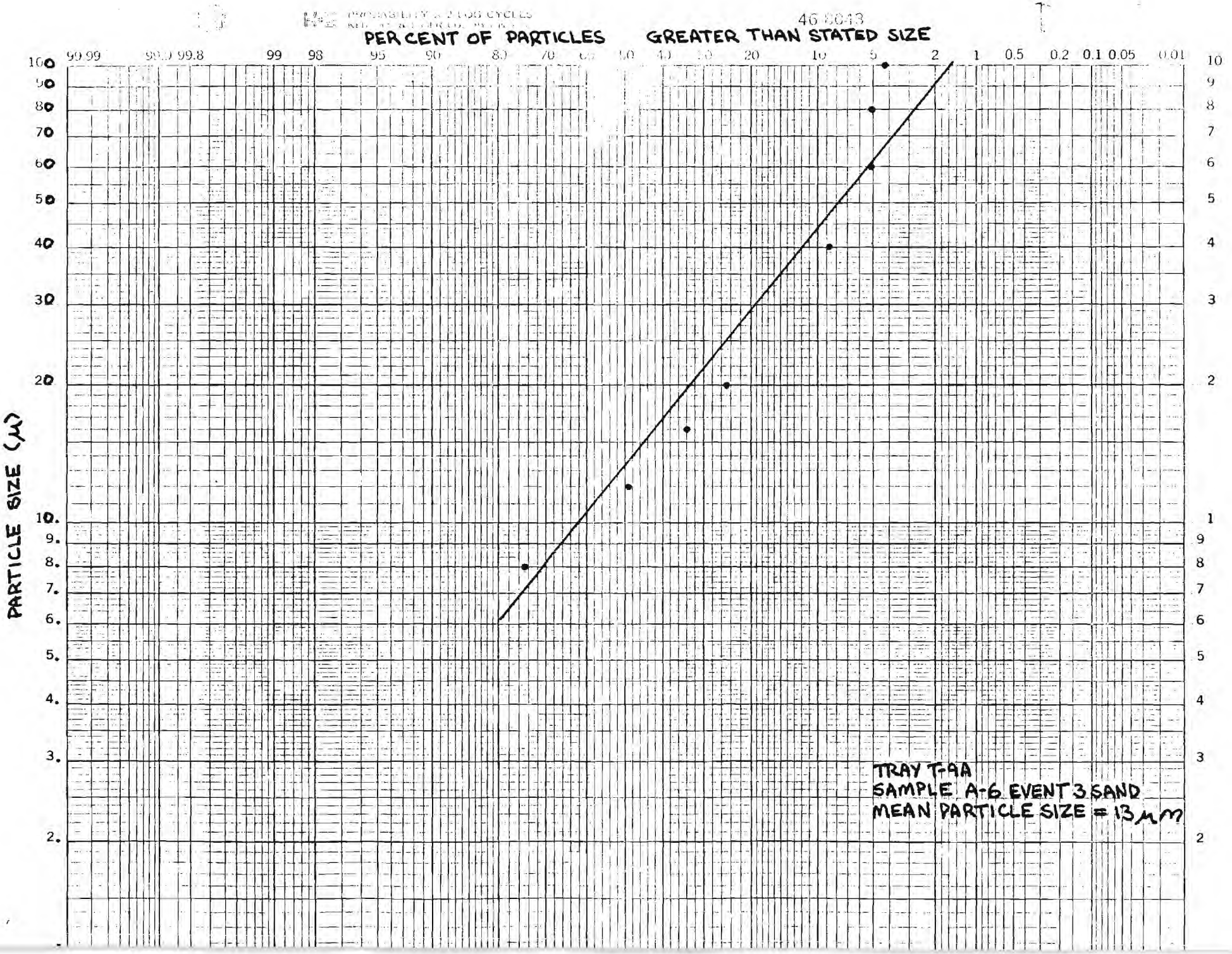
100 90 80 70 60 50 40 30 20 10 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
PARTICLE SIZE (μ)
TRAY T-9A
SAMPLE A-4 EVENT 16 SOIL
MEAN PARTICLE SIZE = 10.0 μm


K&E PROBABILITY 2 X 2 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-9A
SAMPLE A-5 EVENT 3 SAND
MEAN PARTICLE SIZE = 13 μm


PERCENT OF PARTICLES GREATER THAN STATED SIZE
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PARTICLE SIZE (μ)
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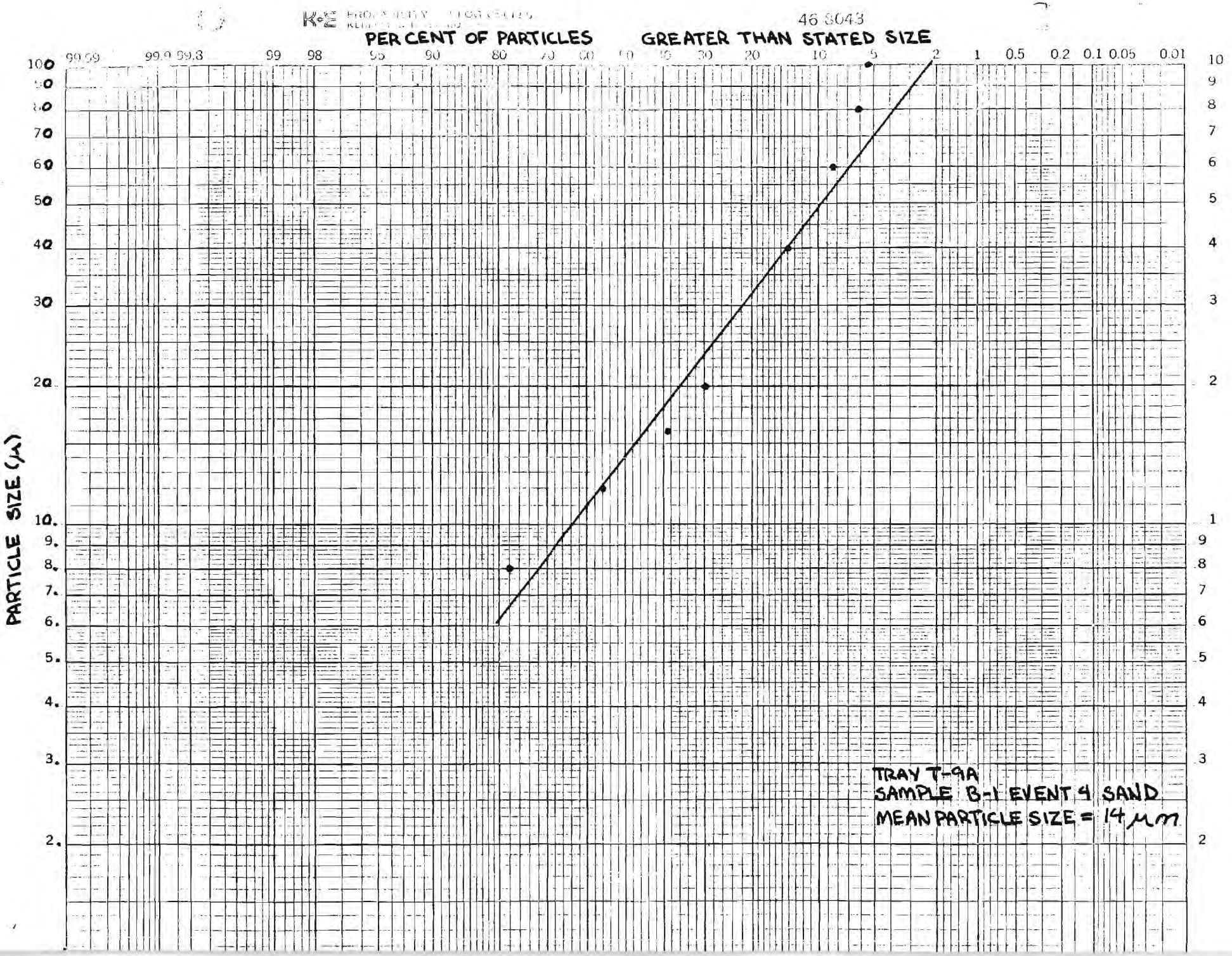
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-9A
SAMPLE A-6 EVENT 3 SAND
MEAN PARTICLE SIZE = 13 μm


46 8043
PERCENT OF PARTICLES GREATER THAN STATED SIZE
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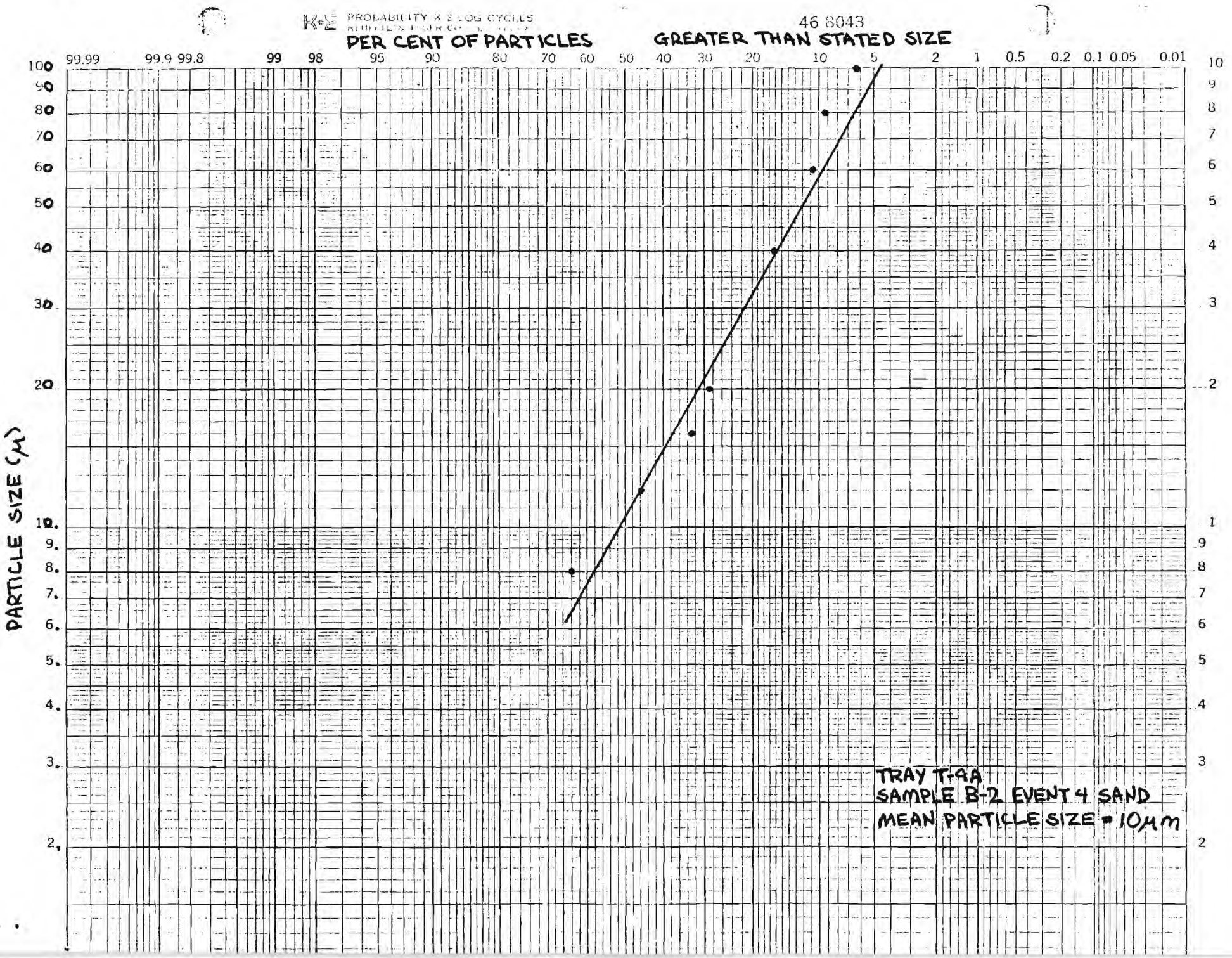
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-9A
SAMPLE B-1 EVENT 4 SAND
MEAN PARTICLE SIZE = 14 μm


PROBABILITY X 3 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
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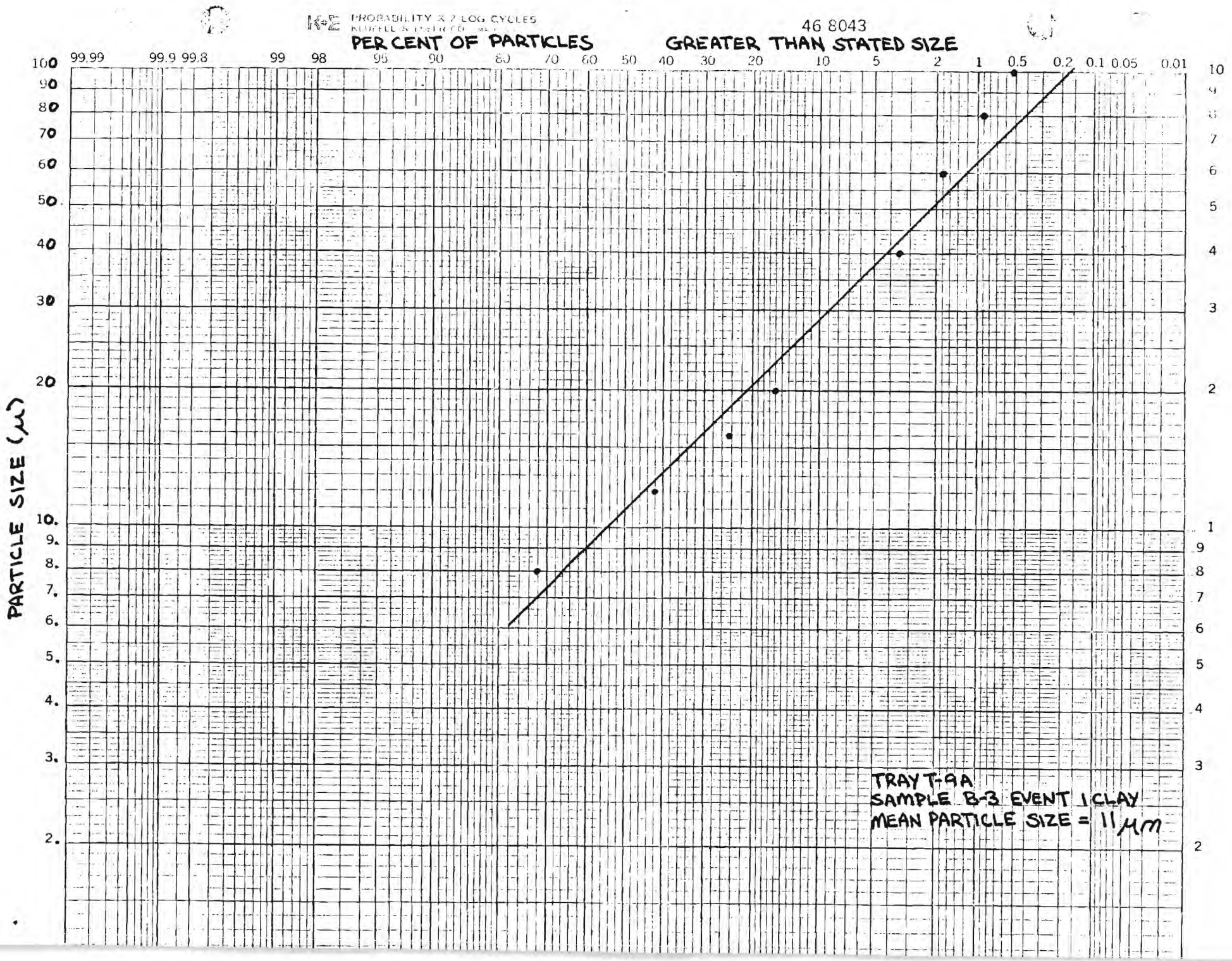
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2
PARTICLE SIZE (μ)
10. 9. 8. 7. 6. 5. 4. 3. 2.
1 .9 .8 .7 .6 .5 .4 .3 .2
TRAY T-9A
SAMPLE B-2 EVENT 4 SAND
MEAN PARTICLE SIZE = 10μm


PROBABILITY X 2 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
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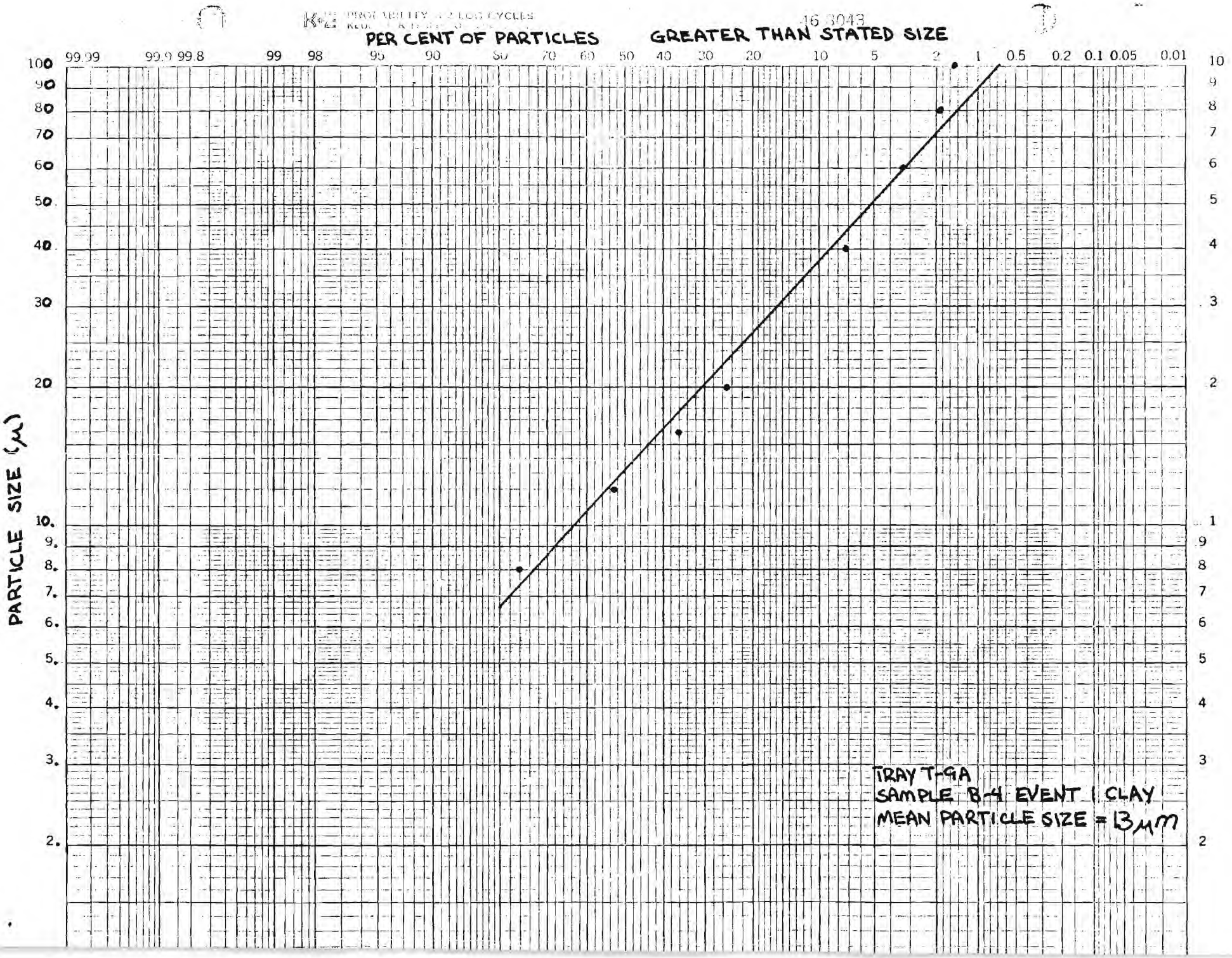
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-9A
SAMPLE B-3 EVENT 1 CLAY
MEAN PARTICLE SIZE = 11 μm


PER CENT OF PARTICLES GREATER THAN STATED SIZE
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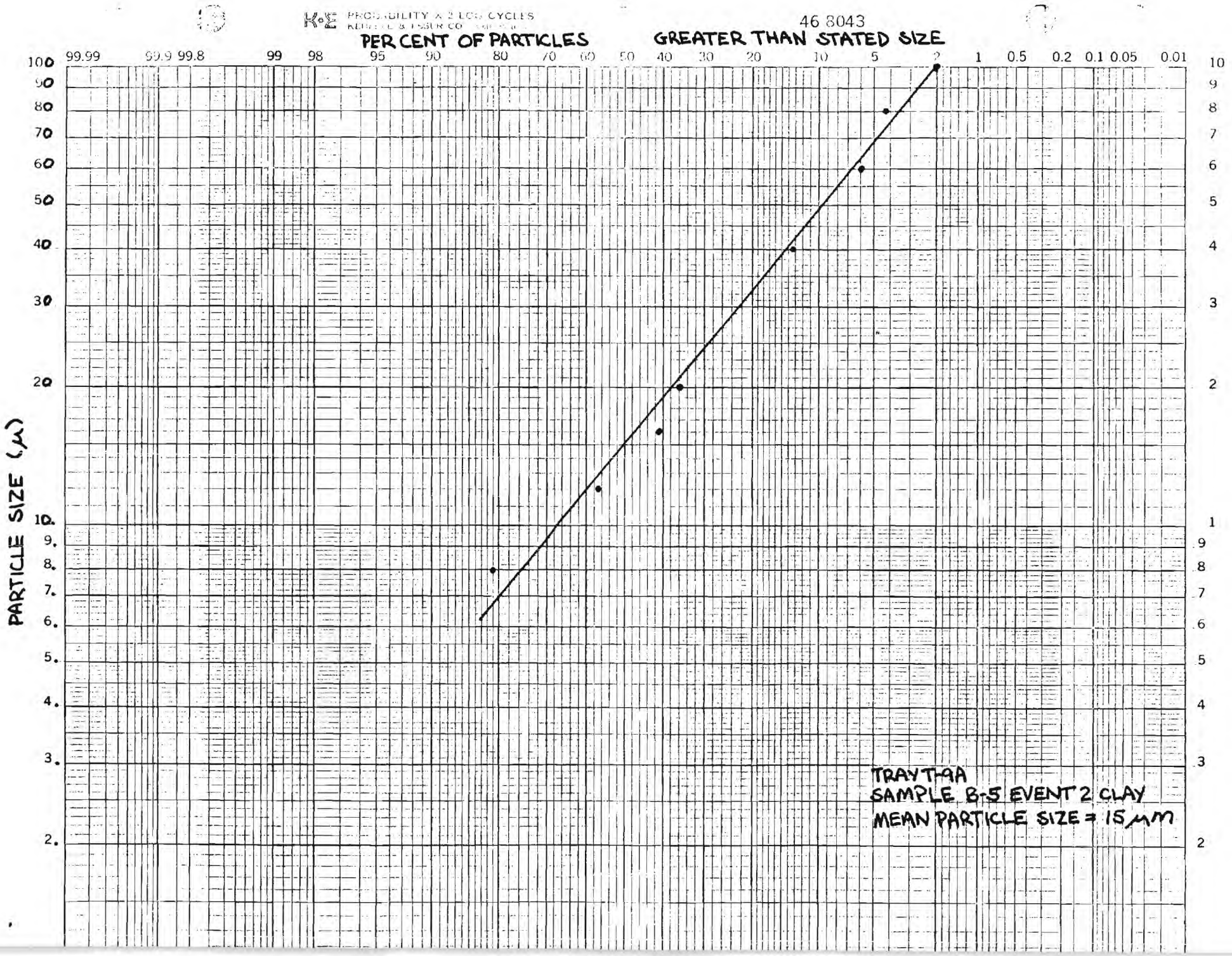
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-9A
SAMPLE B-4 EVENT I CLAY
MEAN PARTICLE SIZE = 13μm


K&E PROBABILITY X 2 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
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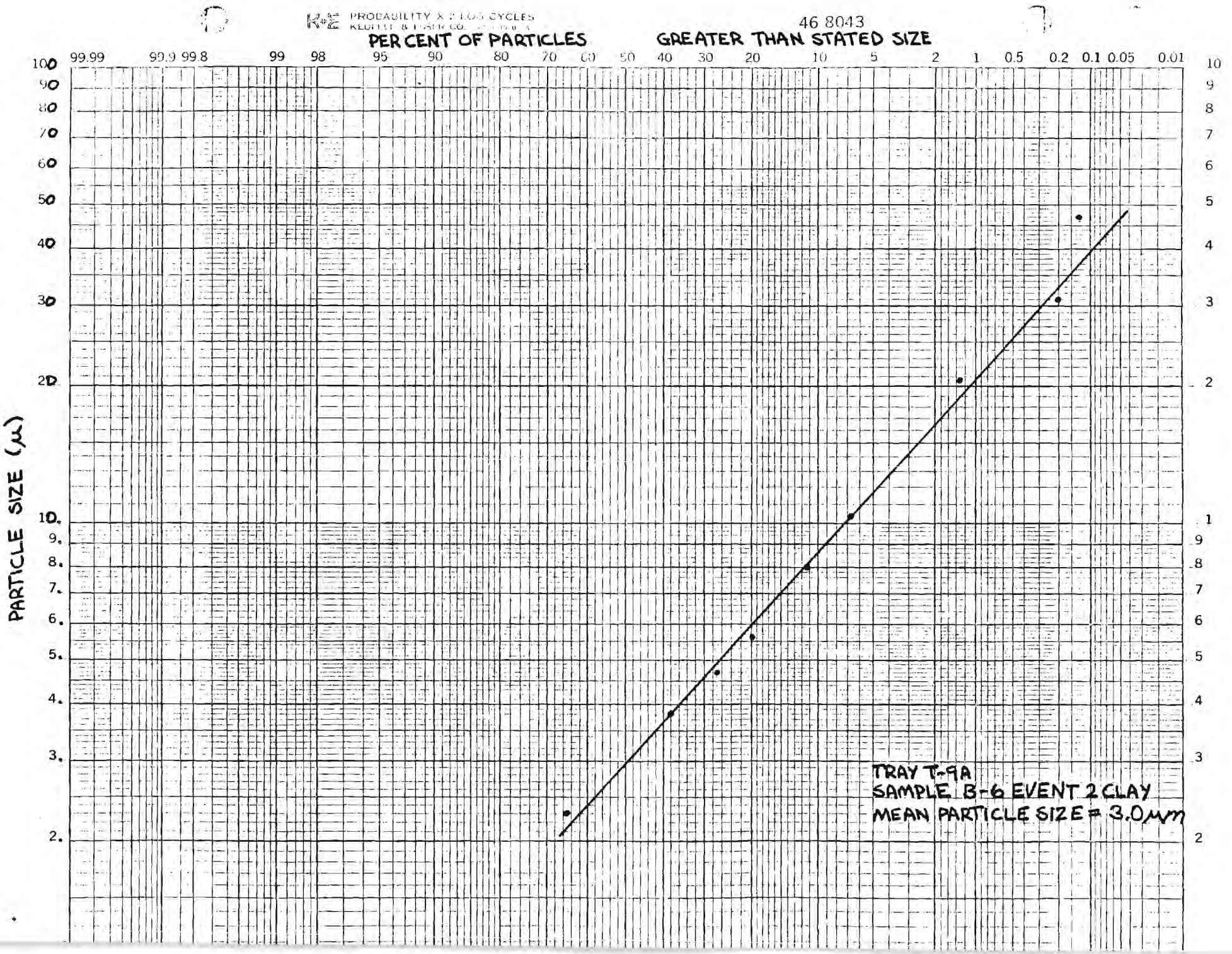
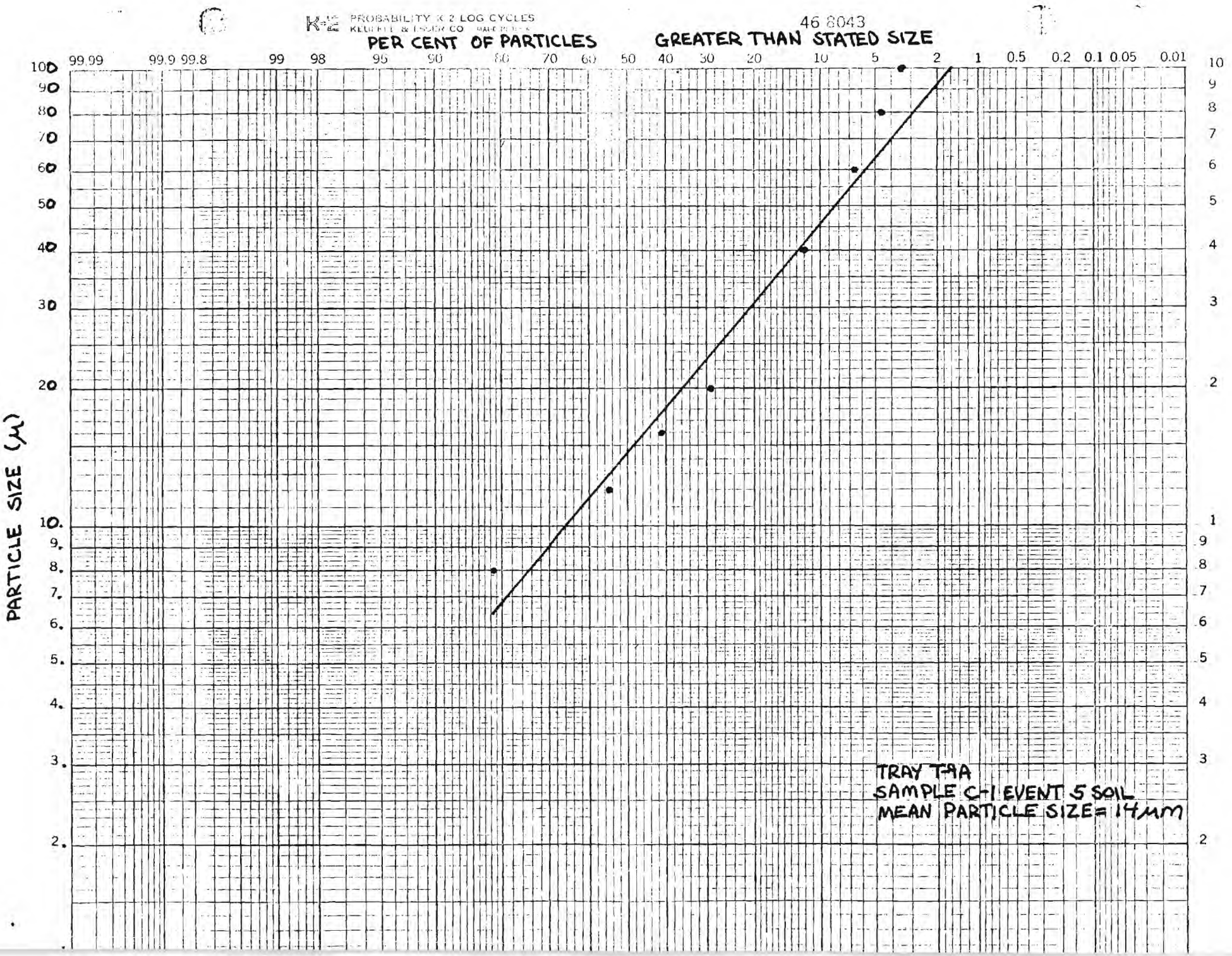
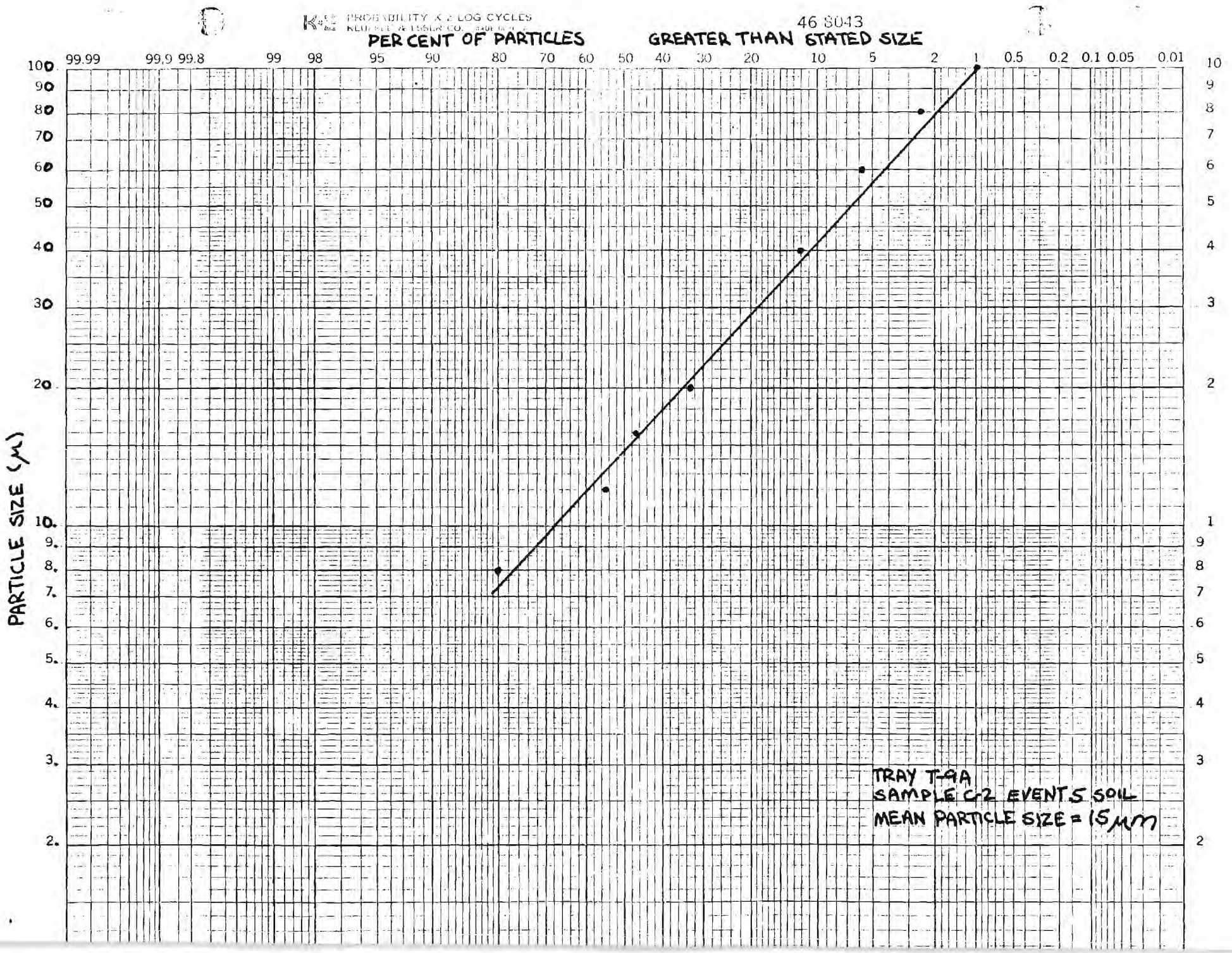
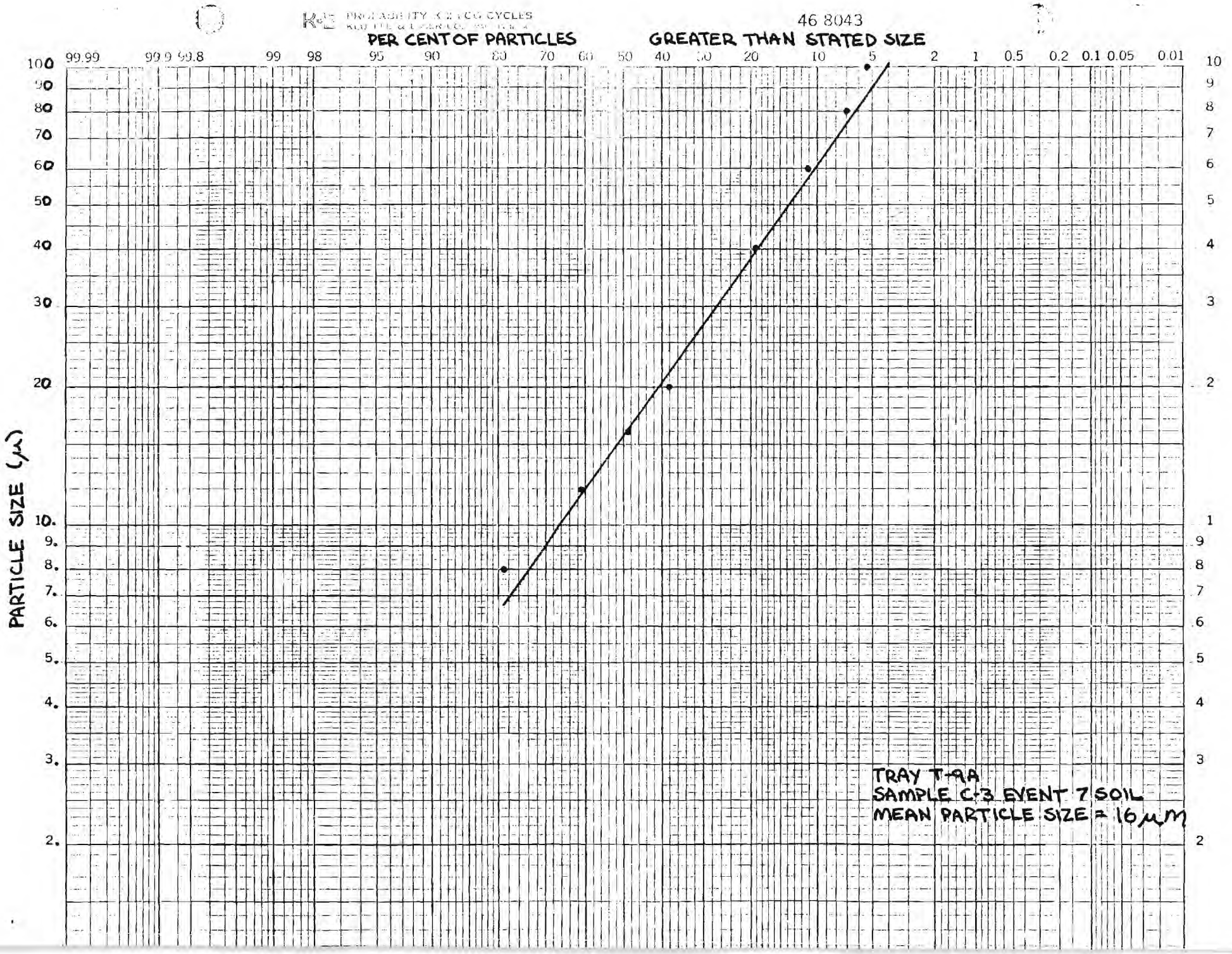
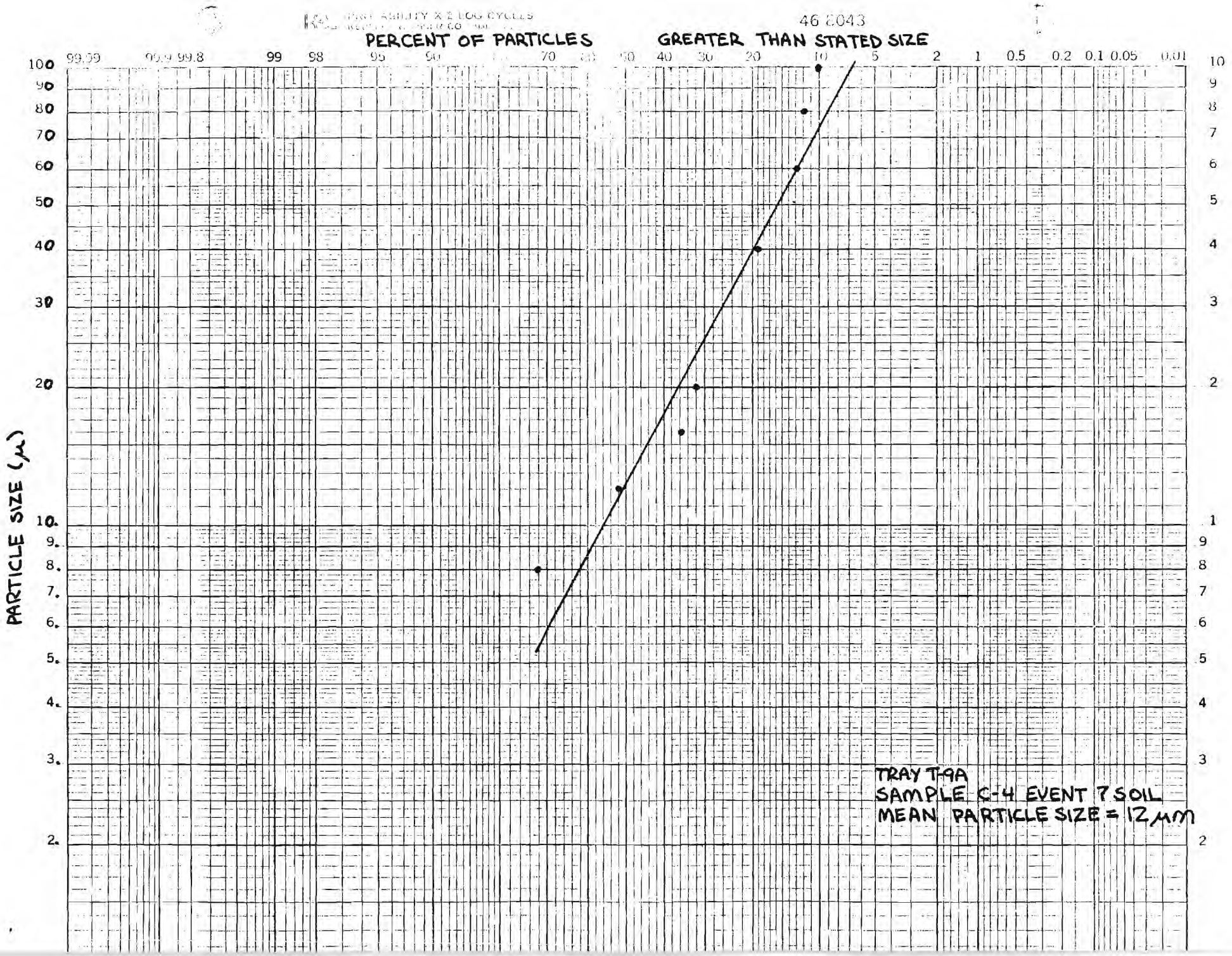
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2
TRAY T-9A
SAMPLE B-5 EVENT 2 CLAY
MEAN PARTICLE SIZE = 15 μm


K+E PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO.
46 8043
PERCENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-9A
SAMPLE B-6 EVENT 2 CLAY
MEAN PARTICLE SIZE = 3.0 μm


PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2
PARTICLE SIZE (μ)
TRAY T-9A
SAMPLE C-1 EVENT 5 SOIL
MEAN PARTICLE SIZE = 14 μm


PROBABILITY X 2 LOG CYCLES
46 8043
PERCENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2 1
PARTICLE SIZE (μ)
TRAY T-9A
SAMPLE C-2 EVENT 5 SOIL
MEAN PARTICLE SIZE = 15 μm


46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2. 1
TRAY T-9A
SAMPLE C-3 EVENT 7 SOIL
MEAN PARTICLE SIZE = 16 μm


46 2043
PERCENT OF PARTICLES GREATER THAN STATED SIZE
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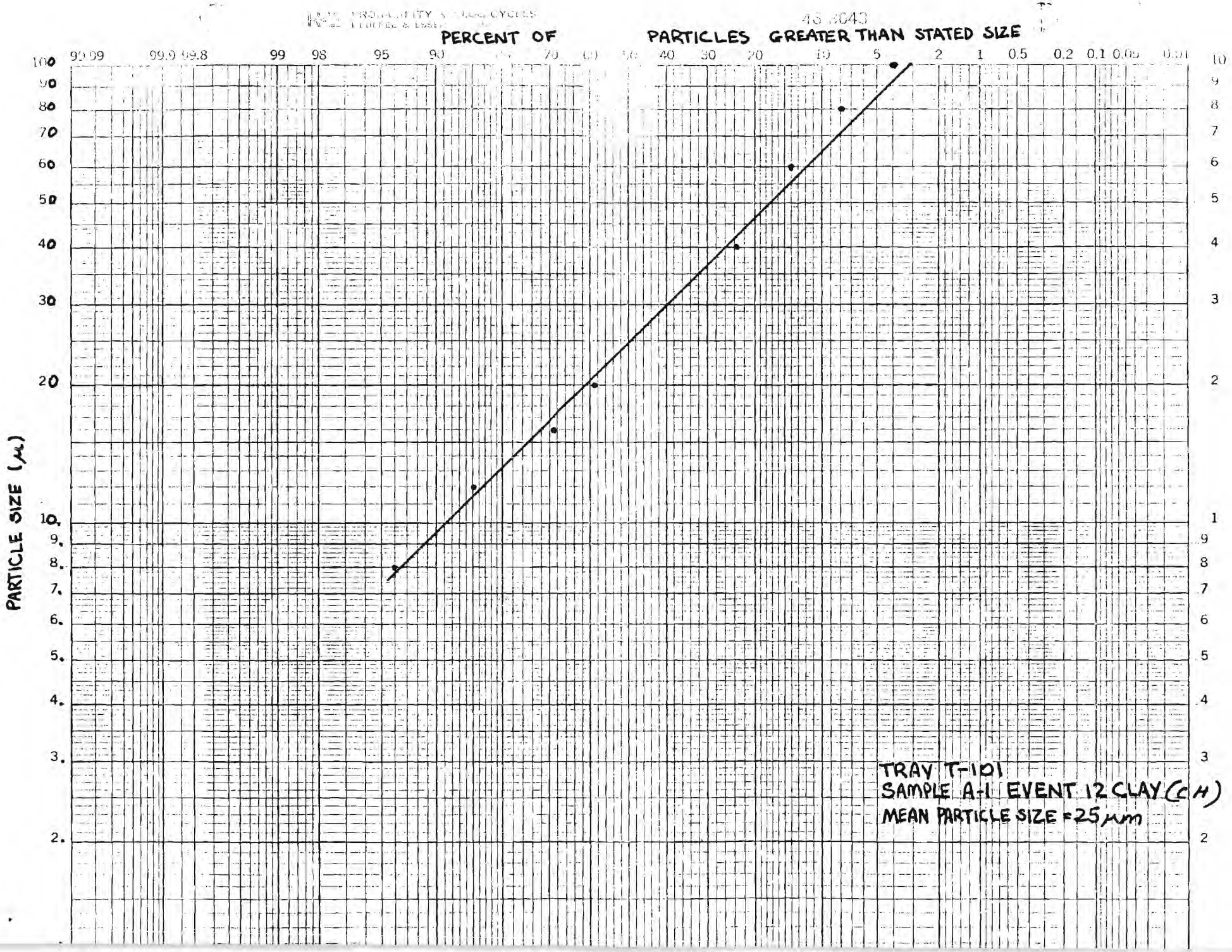
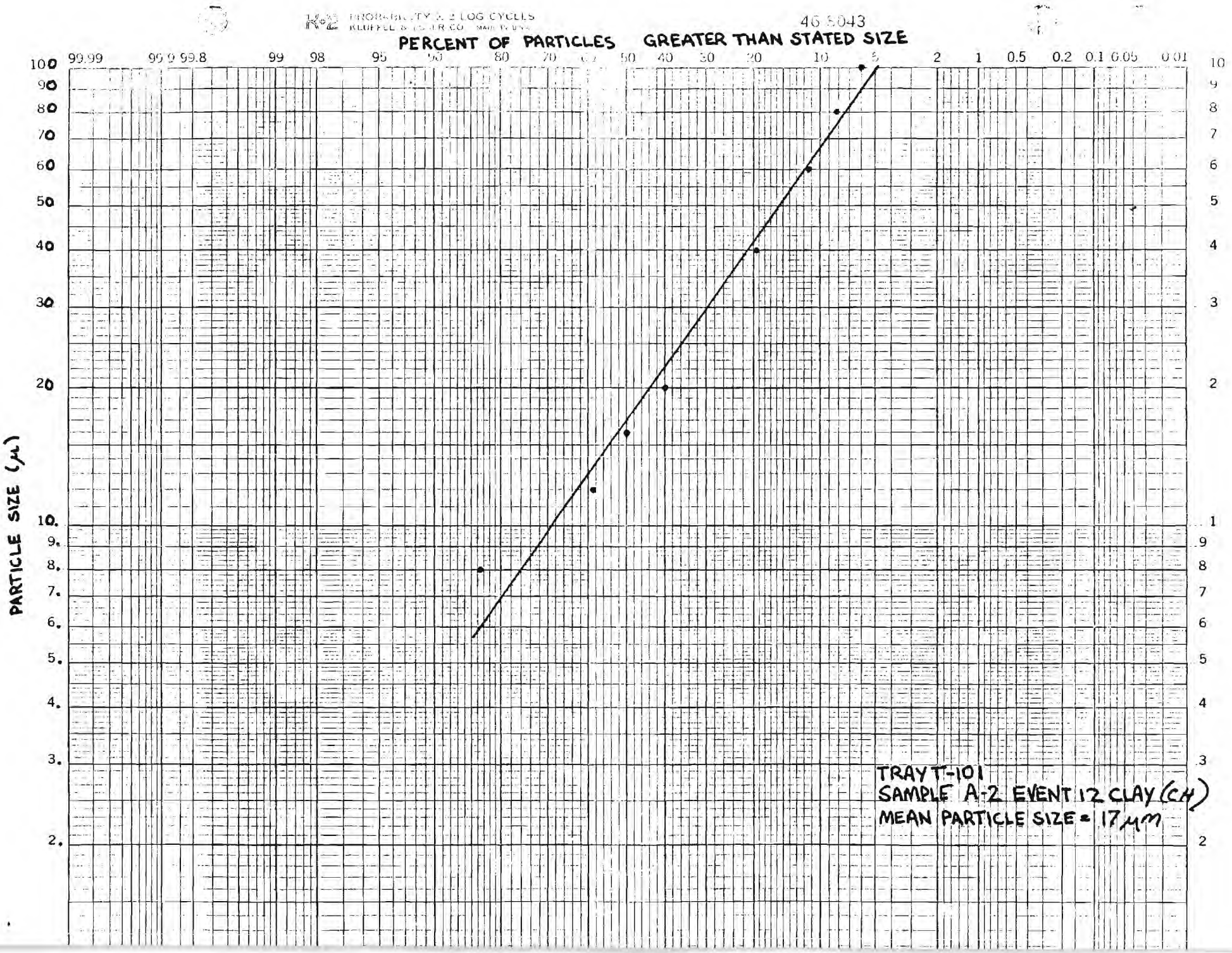
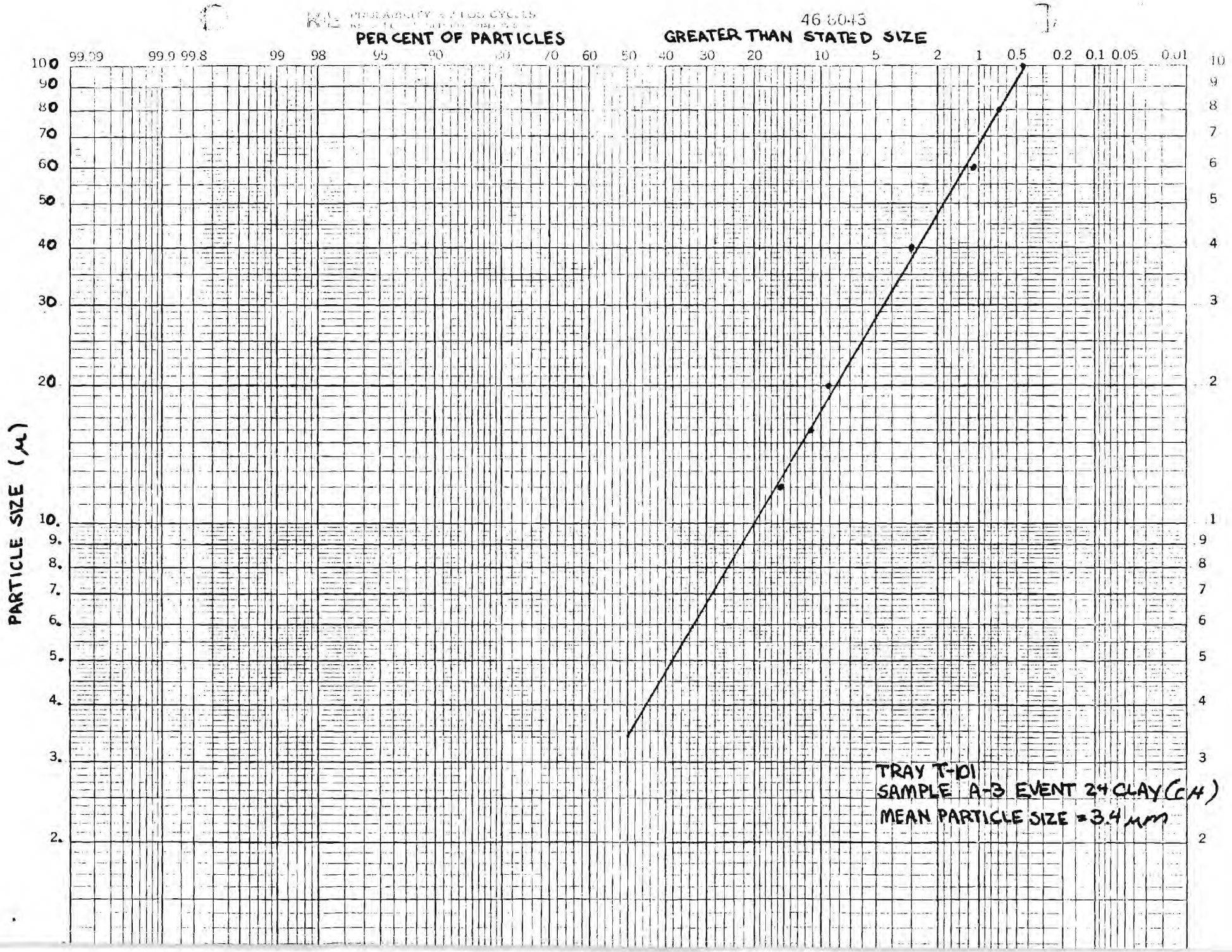
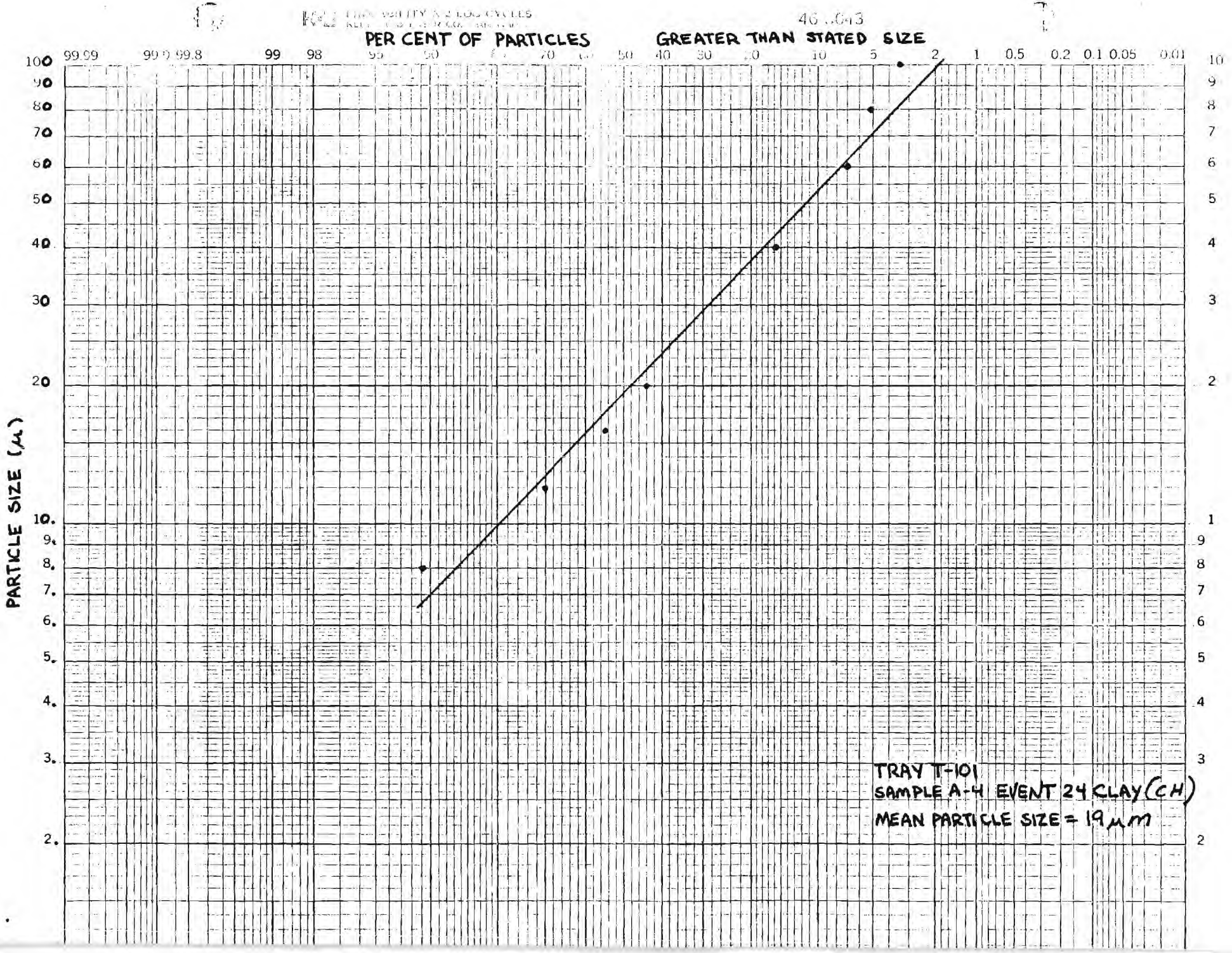
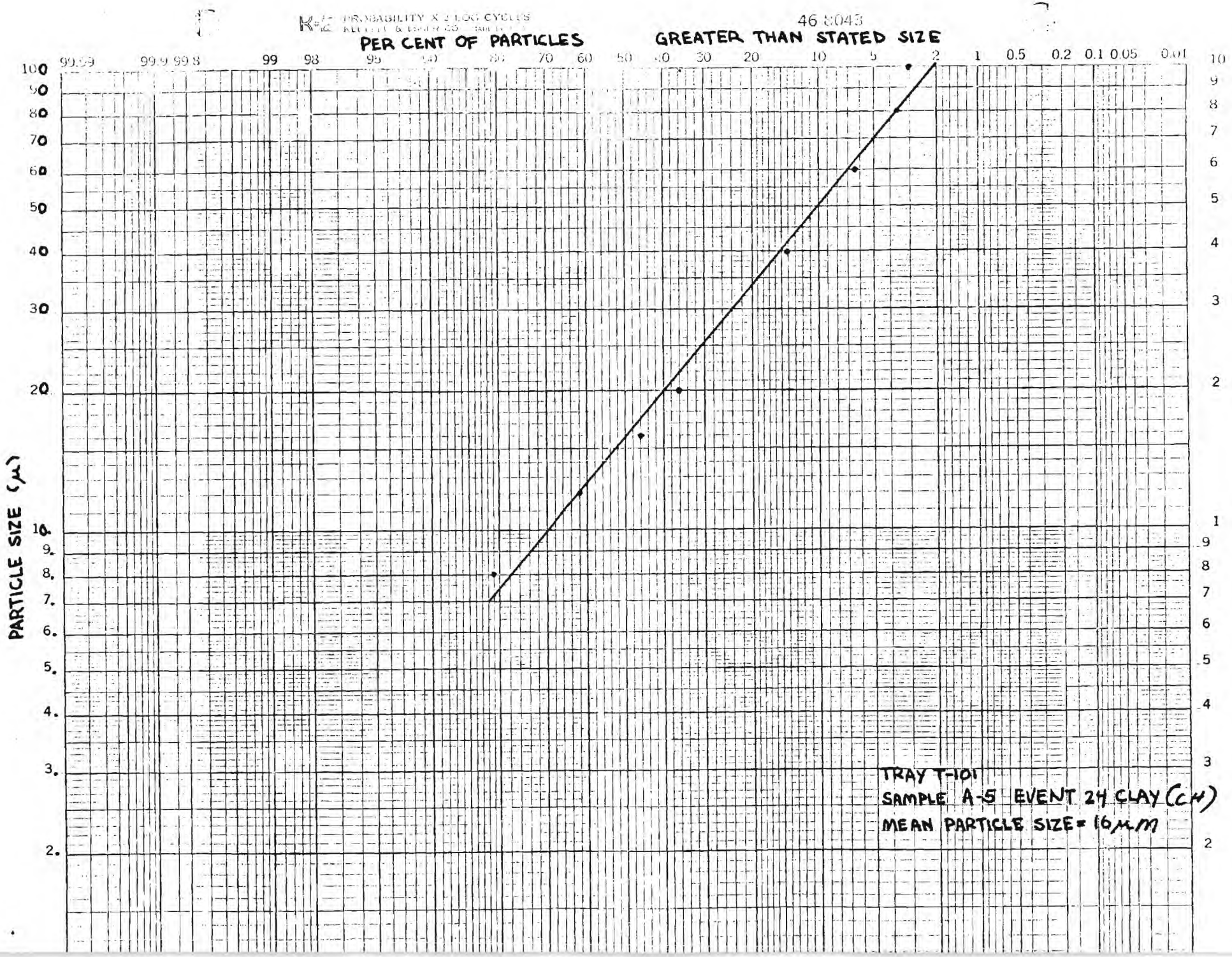
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2
10. 9. 8. 7. 6. 5. 4. 3. 2. 1
TRAY T-9A
SAMPLE C-4 EVENT 7 SOIL
MEAN PARTICLE SIZE = 12 μm

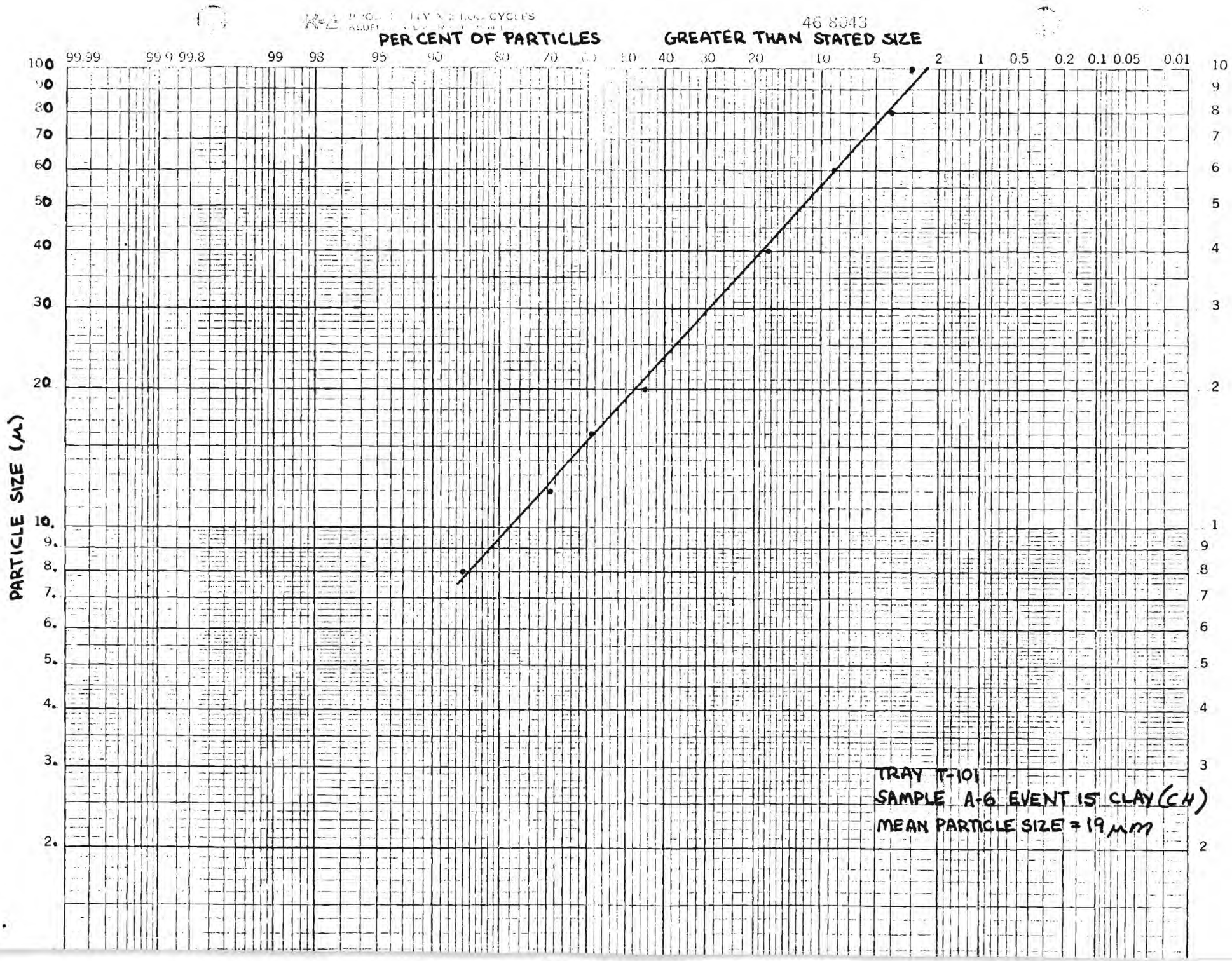

PERCENT OF
PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2
10. 9. 8. 7. 6. 5. 4. 3. 2.
1 .9 8 7 6 5 4 3 2
TRAY T-101
SAMPLE A-1 EVENT 12 CLAY (CH)
MEAN PARTICLE SIZE = 25 μm

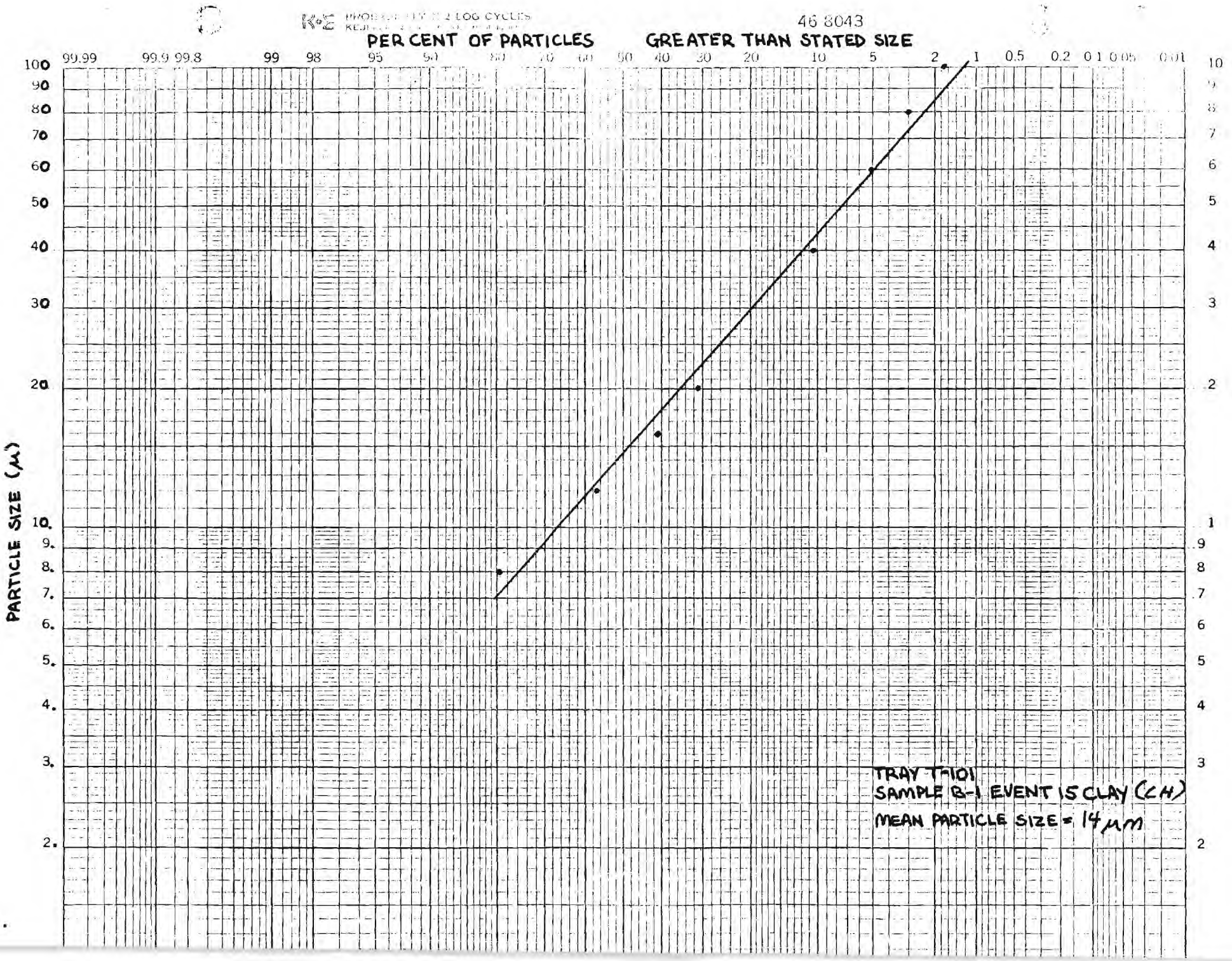

PROBABILITY 2 LOG CYCLES
KEUFFEL & ESSER CO.
46 5043
PERCENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2
PARTICLE SIZE (μ)
TRAY T-101
SAMPLE A-2 EVENT 12 CLAY (CH)
MEAN PARTICLE SIZE = 17 μm

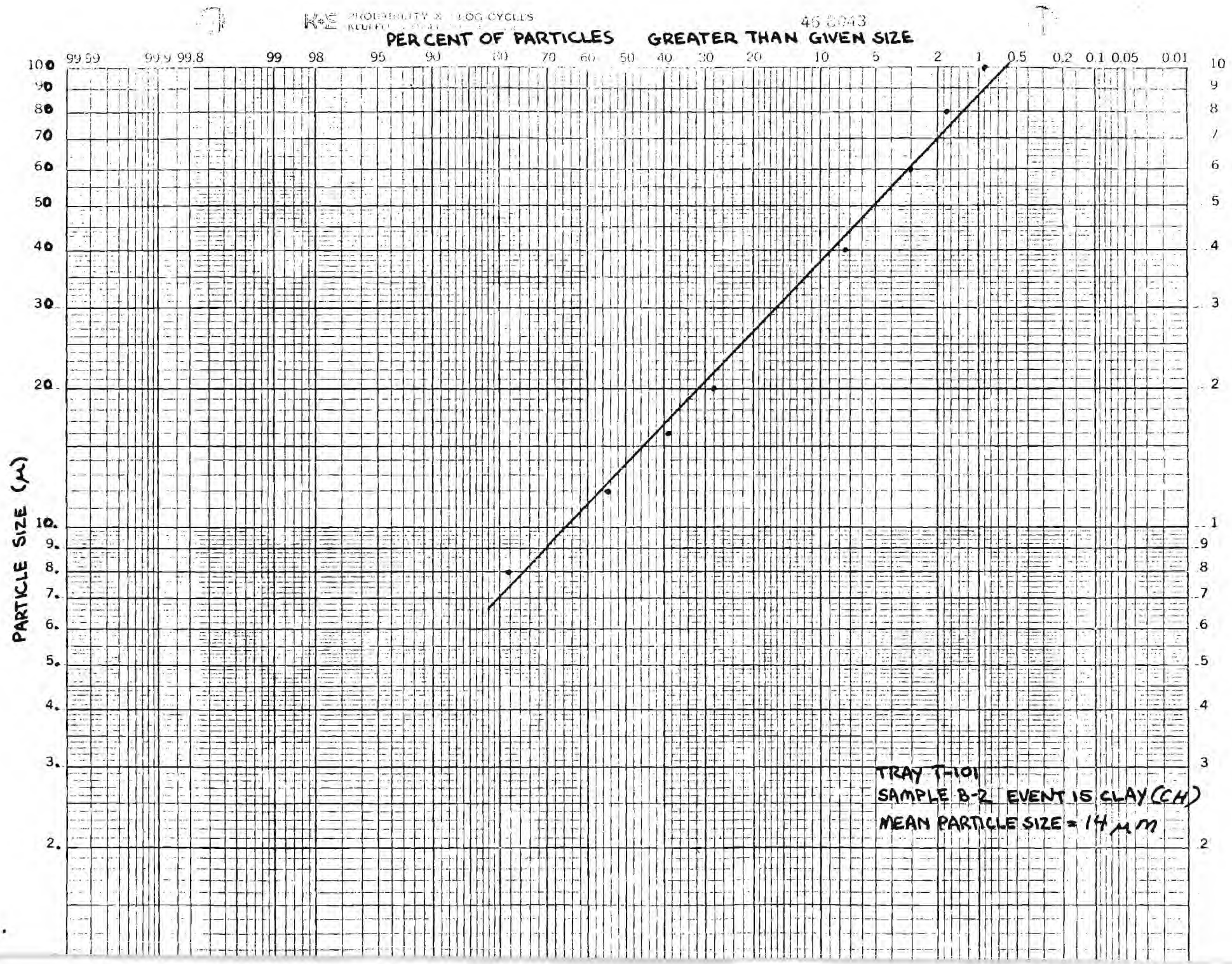

46 6043
PERCENT OF PARTICLES
GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-101
SAMPLE A-3 EVENT 24 CLAY (CH)
MEAN PARTICLE SIZE = 3.4 μm

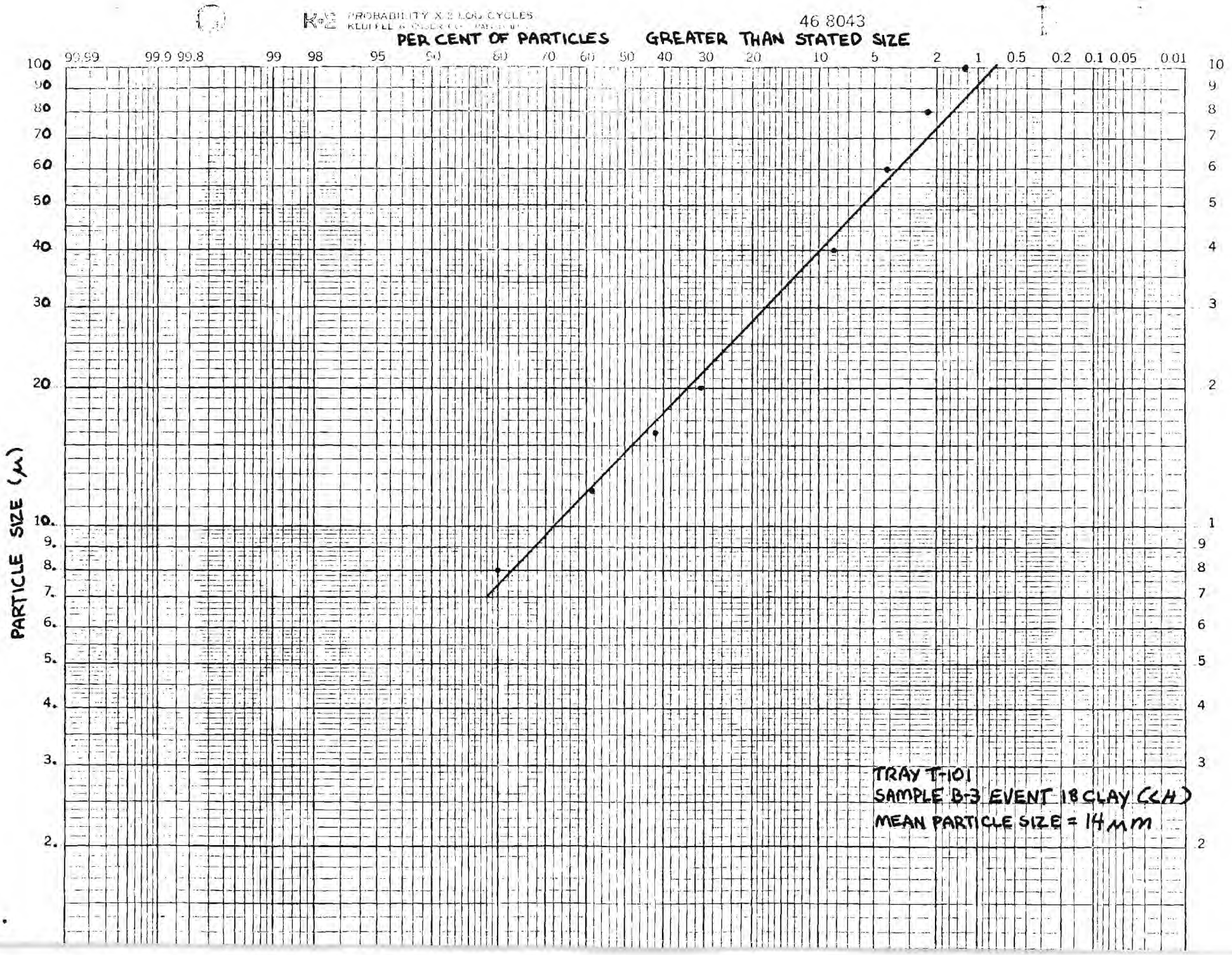

PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99
99.9
99.8
99
98
95
90
80
70
60
50
40
30
20
10
5
2
1
0.5
0.2
0.1
0.05
0.01
PARTICLE SIZE (μ)
100
90
80
70
60
50
40
30
20
10.
9.
8.
7.
6.
5.
4.
3.
2.
TRAY T-101
SAMPLE A-4 EVENT 24 CLAY (CH)
MEAN PARTICLE SIZE = 19 μm

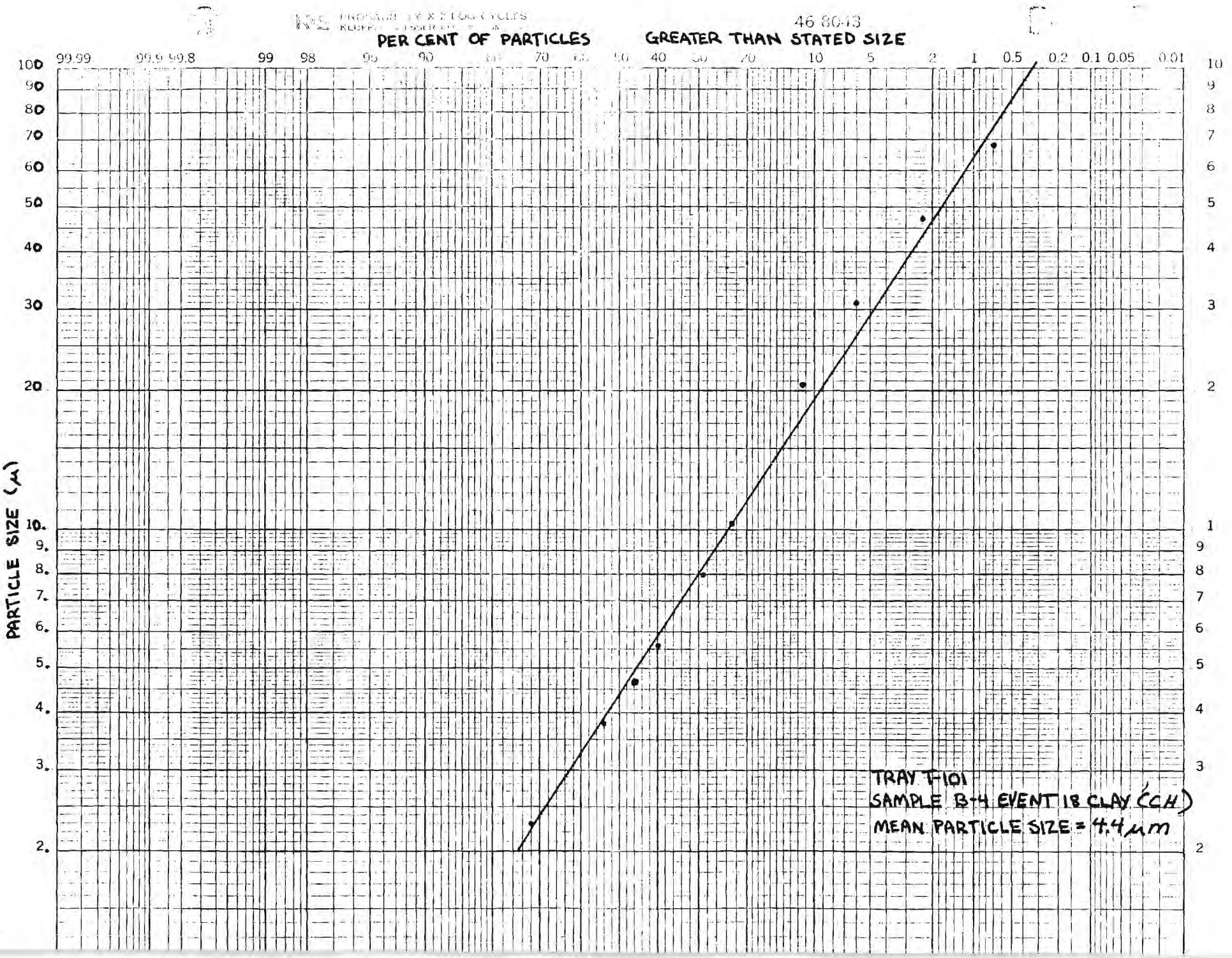

K&E PROBABILITY X 3 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2
PARTICLE SIZE (μ)
10. 9. 8. 7. 6. 5. 4. 3. 2. 1 .9 8 7 6 .5 4 3 2
TRAY T-101
SAMPLE A-5 EVENT 24 CLAY (CH)
MEAN PARTICLE SIZE = 16 μm

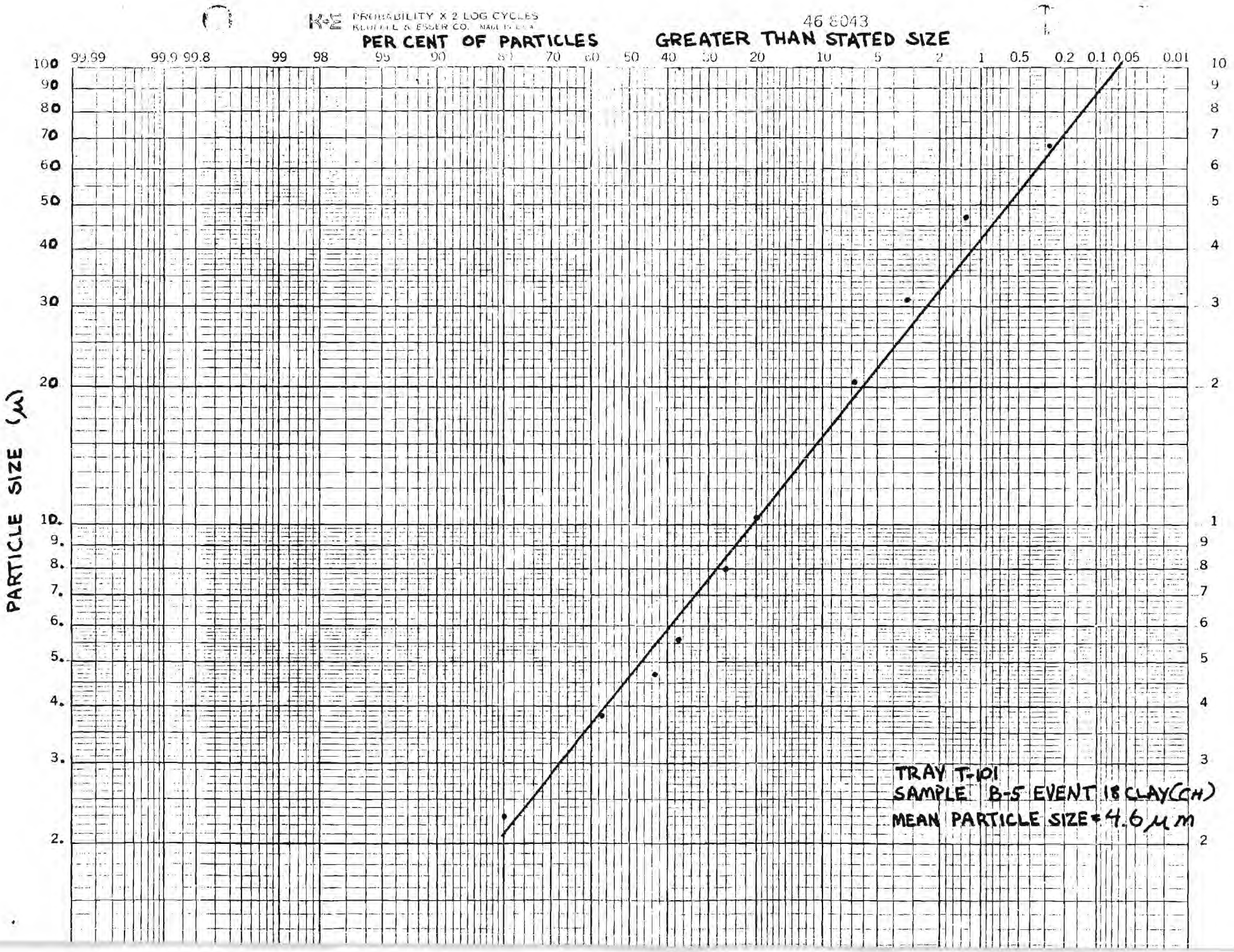

46 8043
PERCENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2
TRAY T-101
SAMPLE A-6 EVENT 15 CLAY (CH)
MEAN PARTICLE SIZE = 19 μm

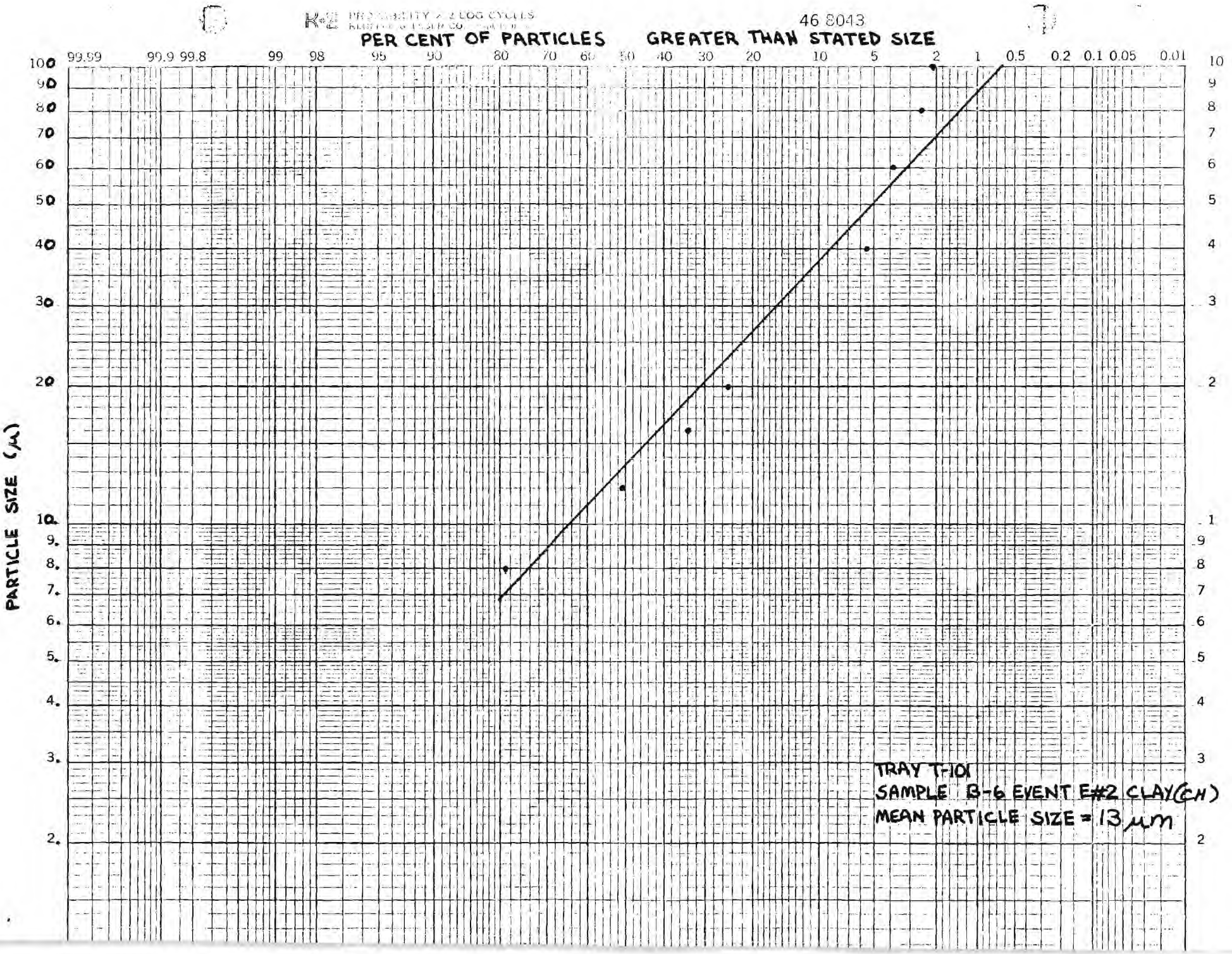

K+E
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2
TRAY T-101
SAMPLE B-1 EVENT 15 CLAY (CH)
MEAN PARTICLE SIZE = 14 μm

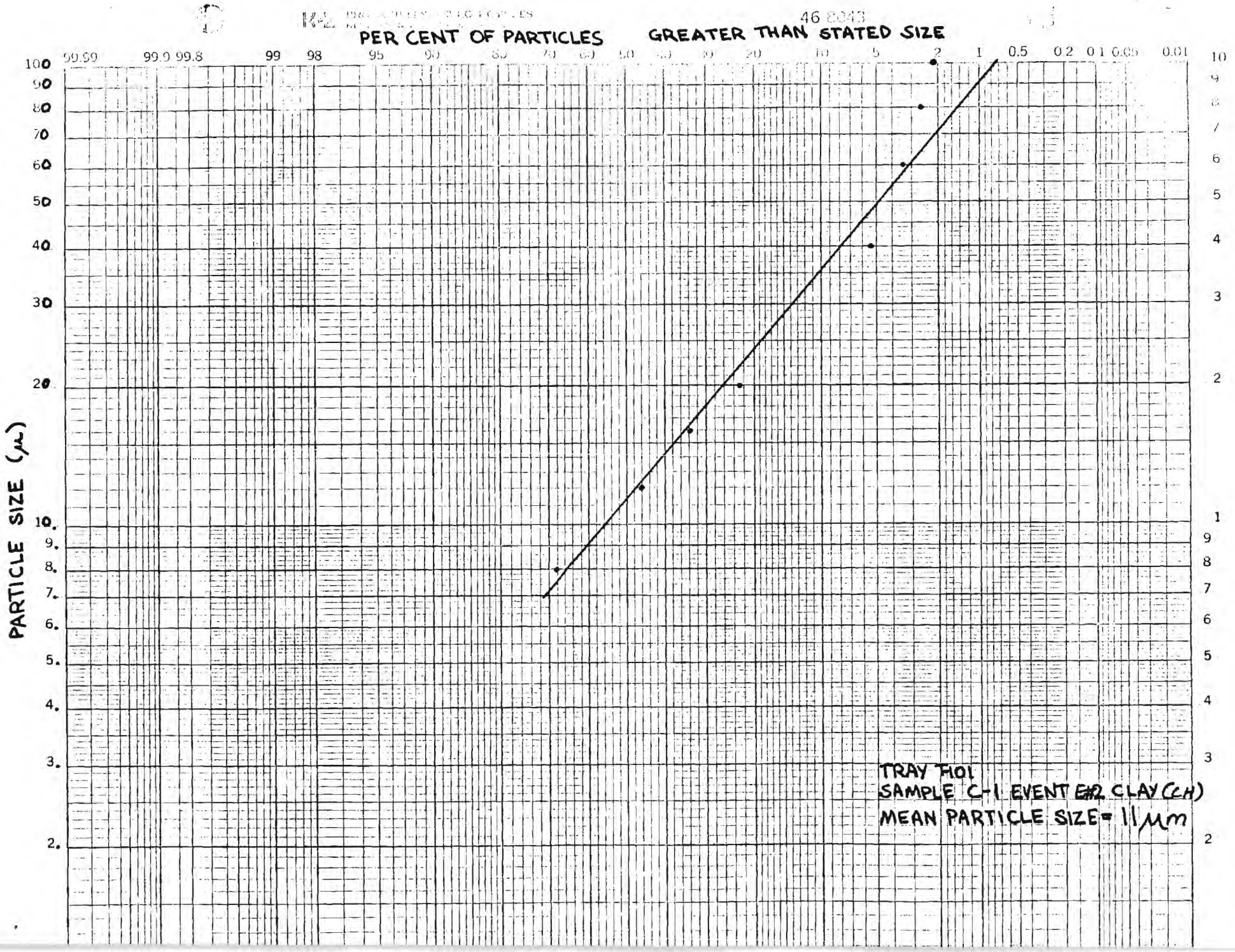

K&E PROBABILITY X LOG CYCLES
46 8043
PERCENT OF PARTICLES GREATER THAN GIVEN SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2
PARTICLE SIZE (μ)
10. 9. 8. 7. 6. 5. 4. 3. 2. 1 .9 .8 .7 .6 .5 .4 .3 .2
TRAY T-101
SAMPLE B-2 EVENT IS CLAY (CH)
MEAN PARTICLE SIZE = 14 μm

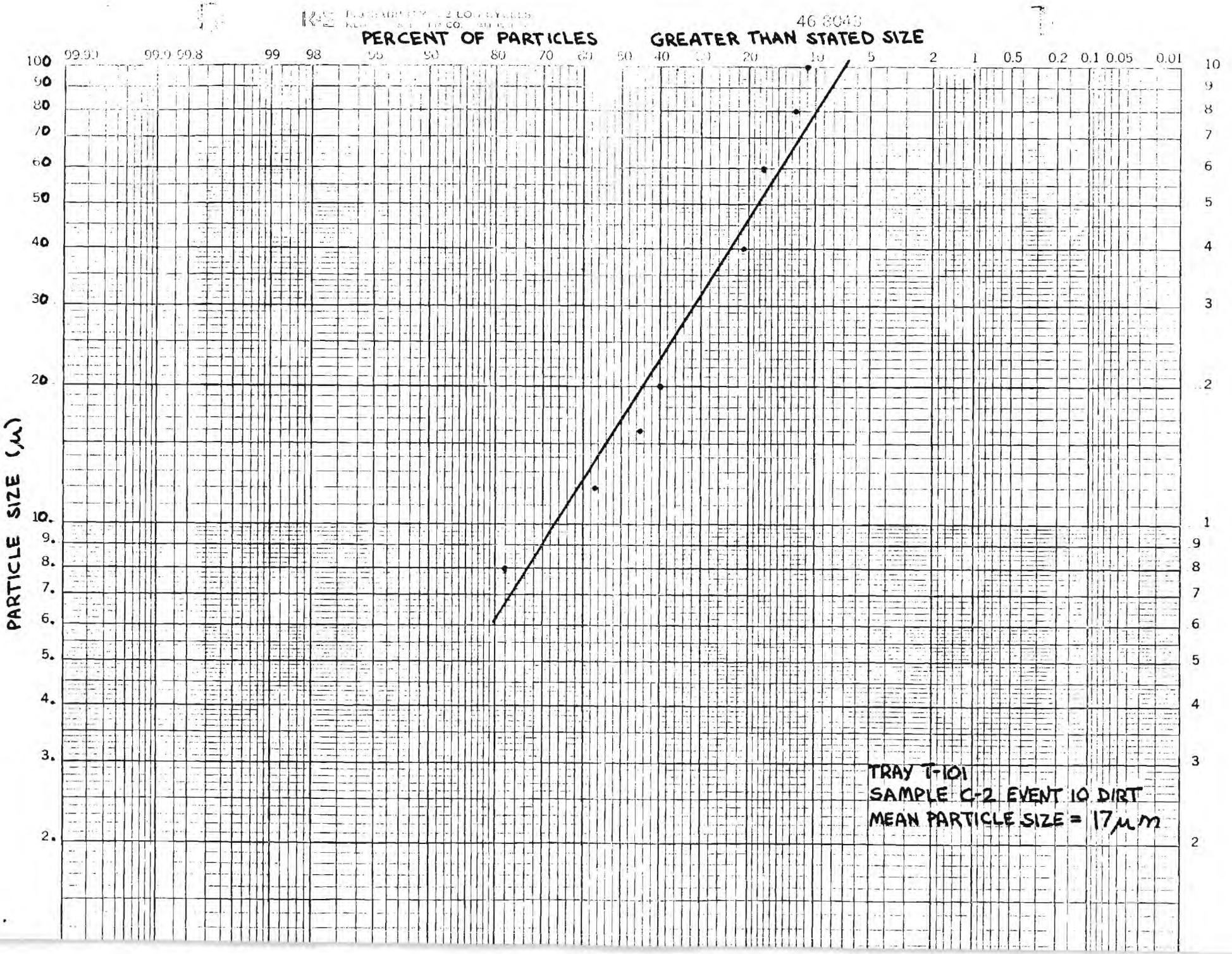

PROBABILITY X 2 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
PARTICLE SIZE (M)
TRAY T-101
SAMPLE B-3 EVENT 18 CLAY (CH)
MEAN PARTICLE SIZE = 14 mm

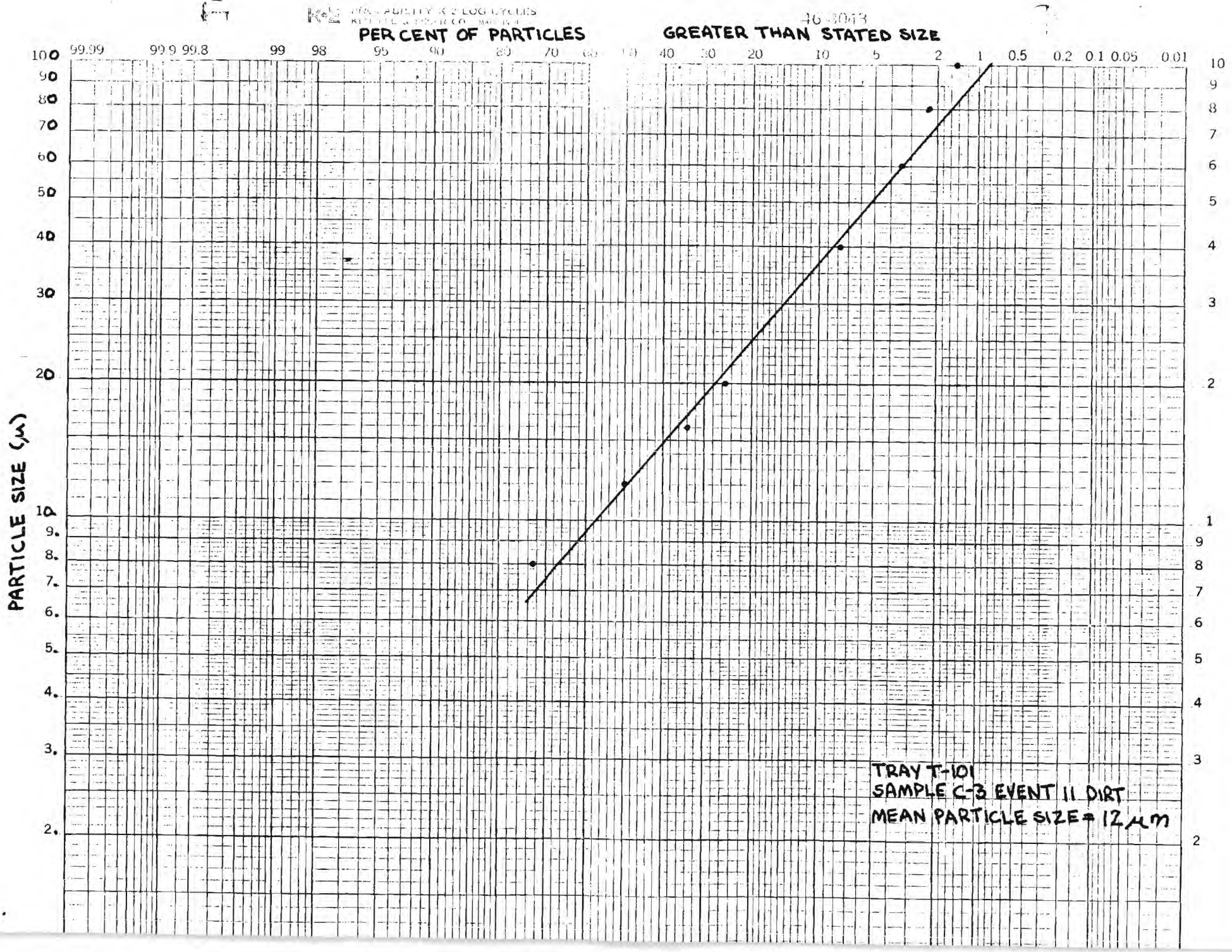

46 80-43
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 70 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
TRAY T-101
SAMPLE B-4 EVENT 18 CLAY (CH)
MEAN PARTICLE SIZE = 4.4 μm

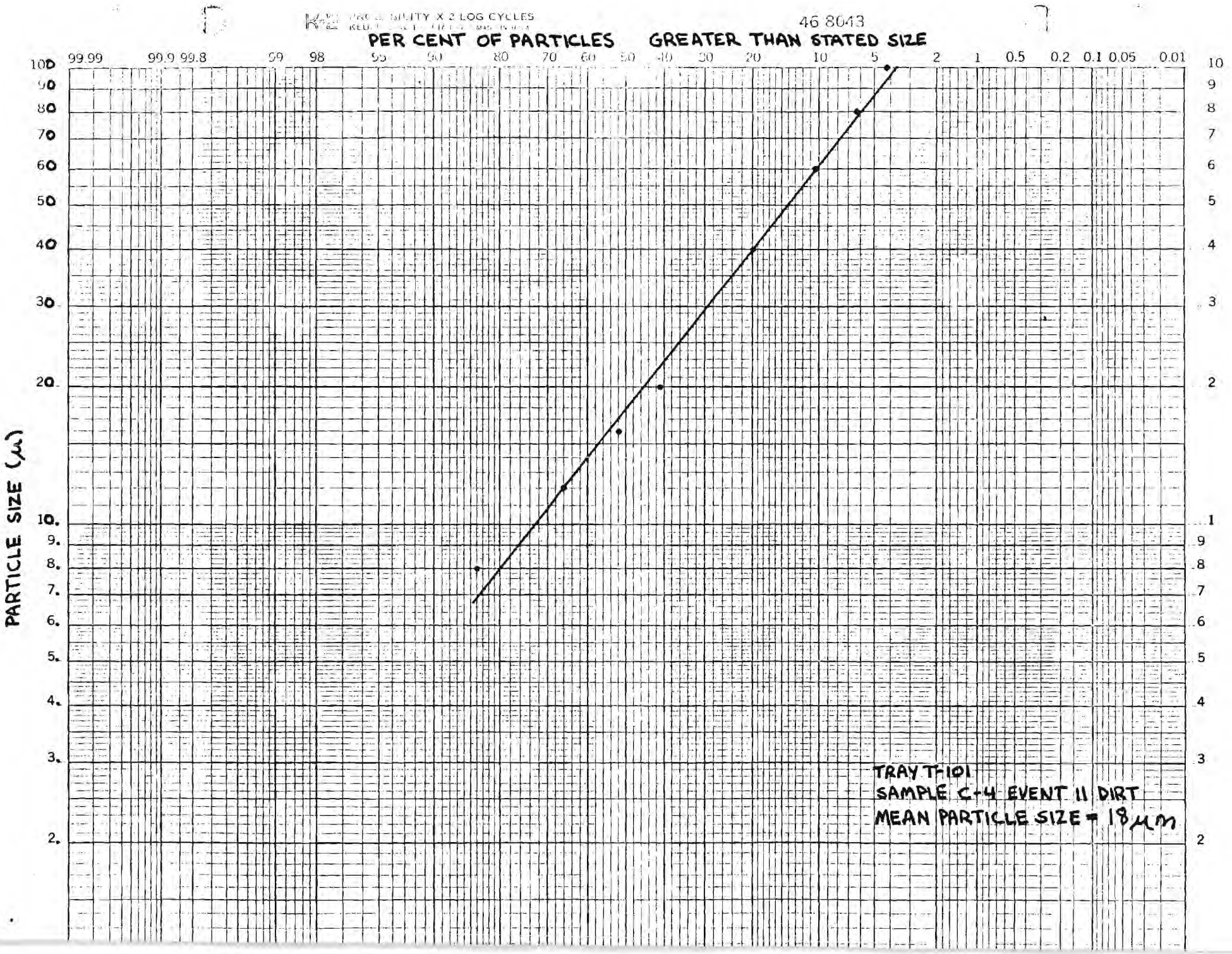

K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO.
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-101
SAMPLE B-5 EVENT 18 CLAY(CH)
MEAN PARTICLE SIZE = 4.6 μm

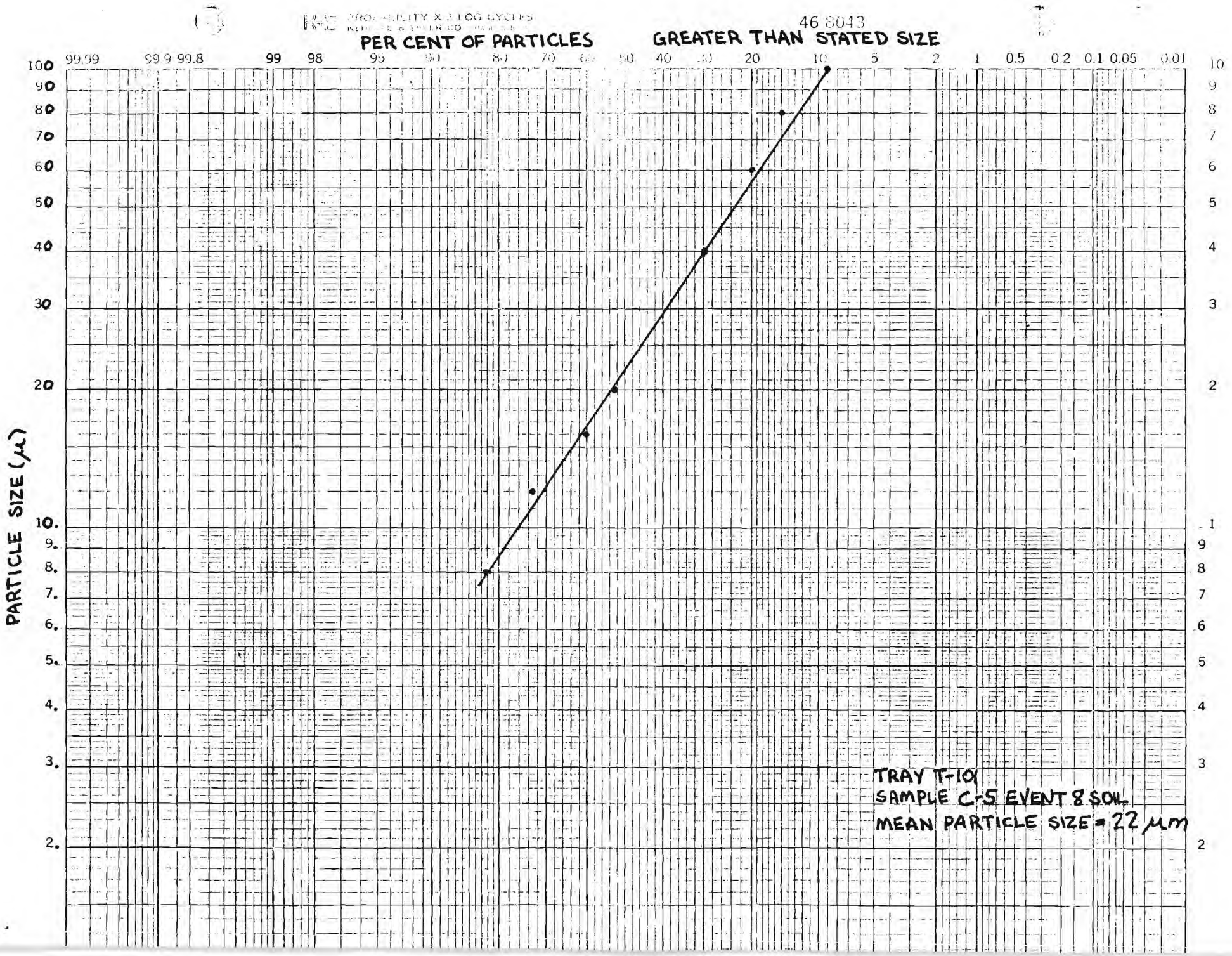

K&E PROBABILITY 2 CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2
TRAY T-101
SAMPLE B-6 EVENT E#2 CLAY(CH)
MEAN PARTICLE SIZE = 13 μm

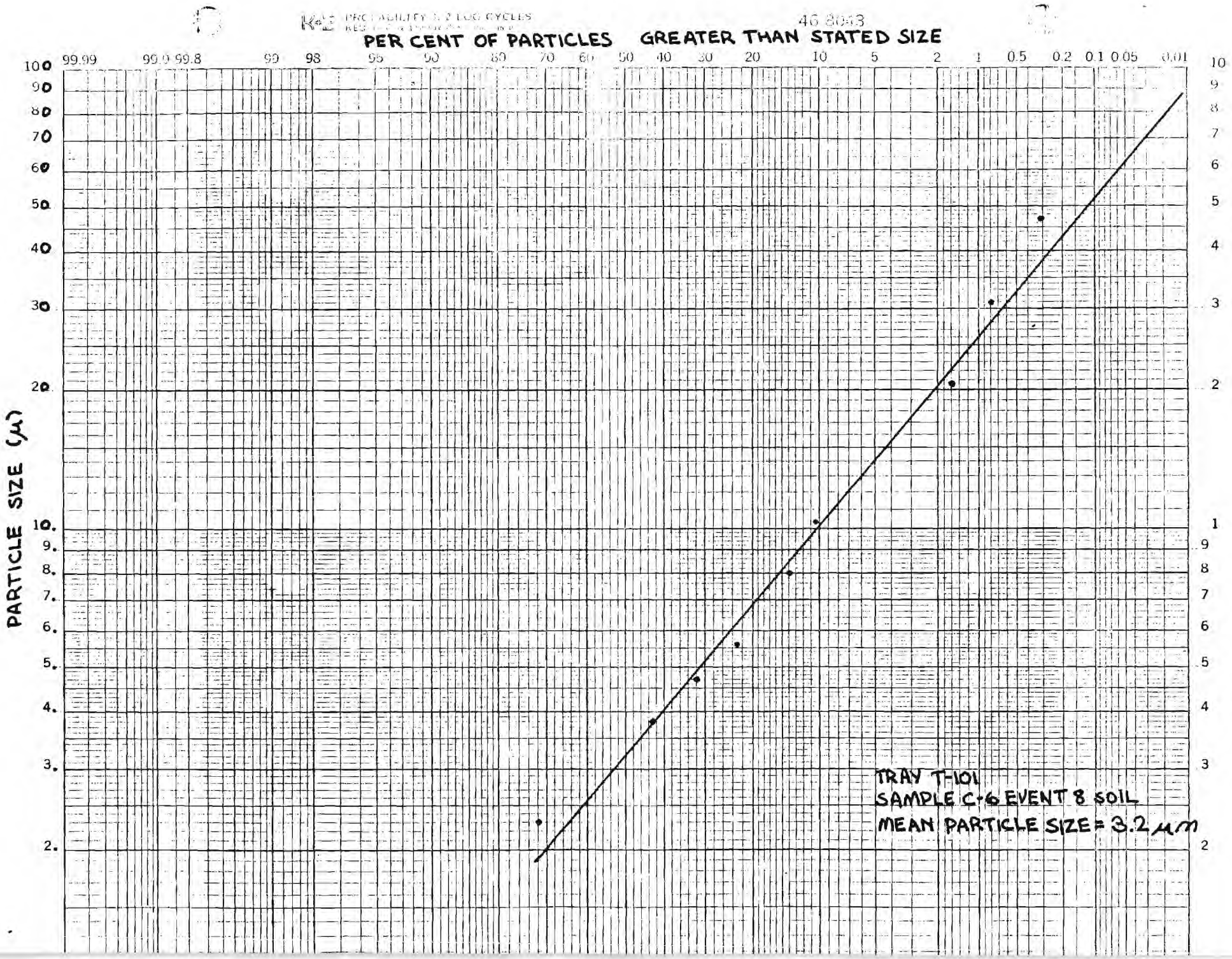

PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99
99.9
99.8
99
98
95
90
80
70
60
50
40
30
20
10
5
2
1
0.5
0.2
0.1
0.05
0.01
PARTICLE SIZE (μ)
100
90
80
70
60
50
40
30
20
10
9
8
7
6
5
4
3
2
1
TRAY #101
SAMPLE C-1 EVENT #2 CLAY (CH)
MEAN PARTICLE SIZE = 11 μm

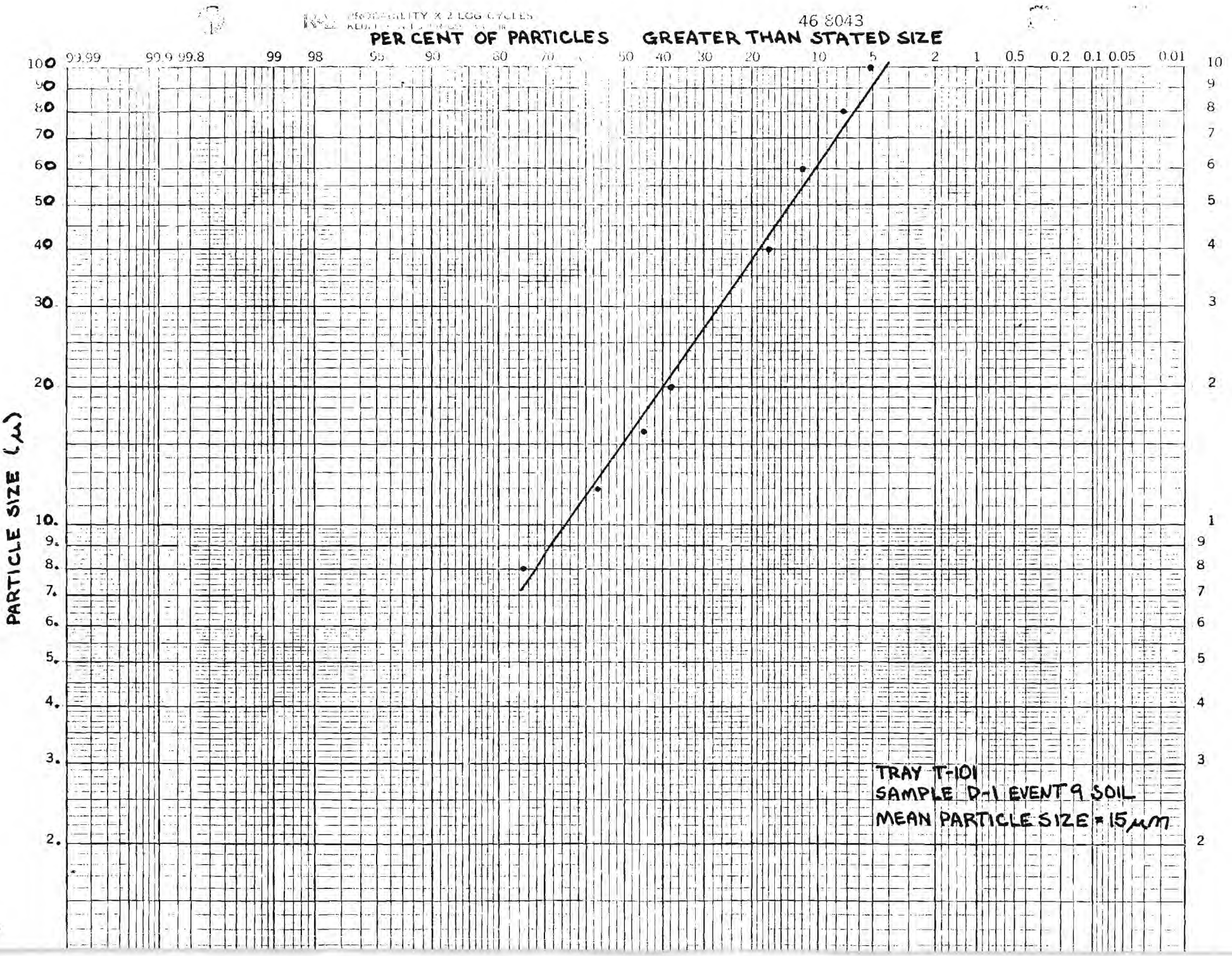

PERCENT OF PARTICLES GREATER THAN STATED SIZE
PARTICLE SIZE (μ)
99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-101
SAMPLE C-2 EVENT 10 DIRT
MEAN PARTICLE SIZE = 17 μm

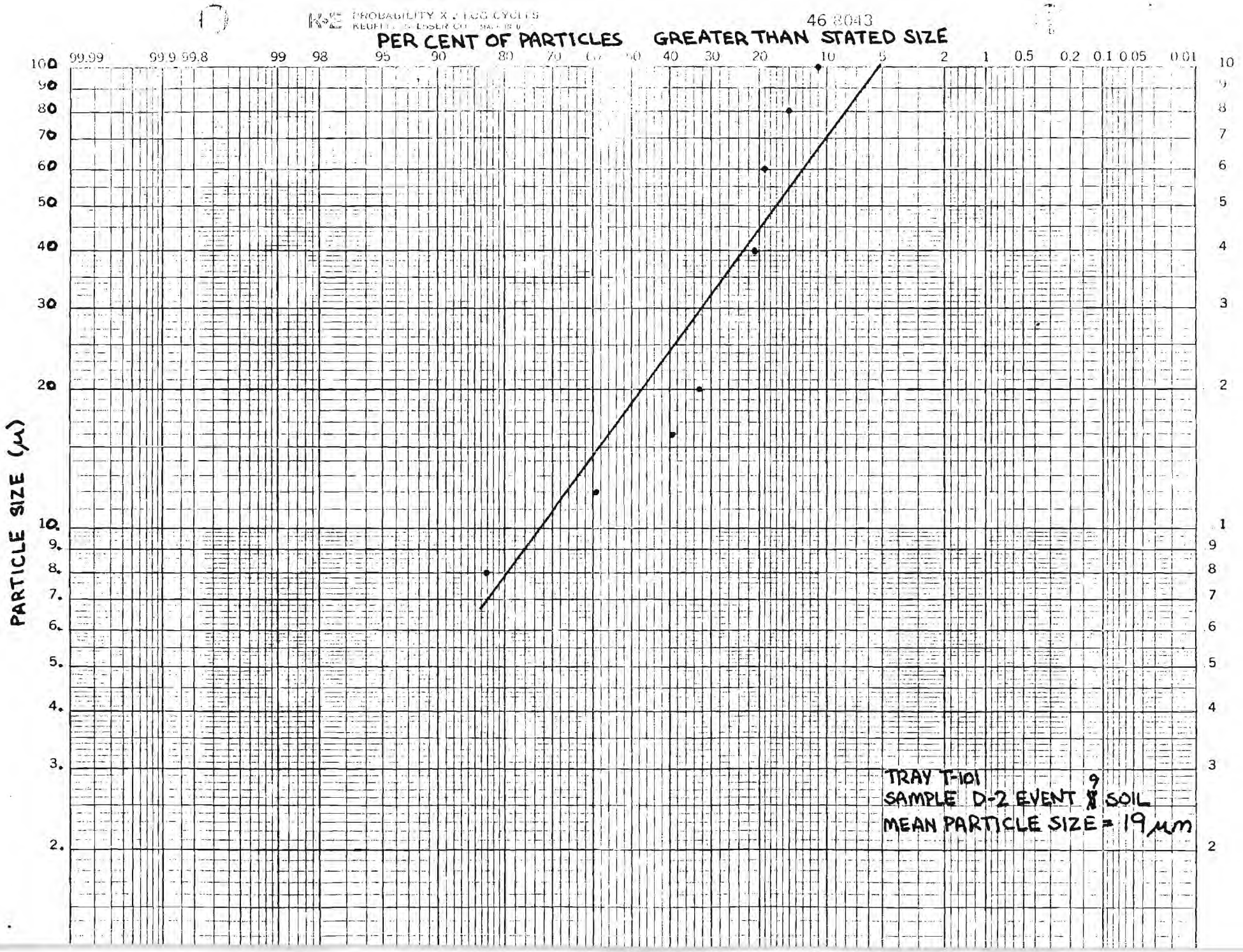

PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10 9. 8. 7. 6. 5. 4. 3. 2. 1
TRAY T-101
SAMPLE C-3 EVENT 11 DIRT
MEAN PARTICLE SIZE = 12 μm


46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2
PARTICLE SIZE (μ)
10. 9. 8. 7. 6. 5. 4. 3. 2. 1
TRAY T-101
SAMPLE C-4 EVENT 11 DIRT
MEAN PARTICLE SIZE = 18 μm


PROBABILITY X 3 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
PARTICLE SIZE (μ)
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2
TRAY T-10
SAMPLE C-5 EVENT 8 SOIL
MEAN PARTICLE SIZE = 22 μm


PROBABILITY 3 X 2 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
TRAY T-101
SAMPLE C-6 EVENT 8 SOIL
MEAN PARTICLE SIZE = 3.2 μm


46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10. 9. 8. 7. 6. 5. 4. 3. 2.
TRAY T-101
SAMPLE D-1 EVENT 9 SOIL
MEAN PARTICLE SIZE = 15 μm


PROBABILITY X 3 LOG CYCLES
46 8043
PER CENT OF PARTICLES GREATER THAN STATED SIZE
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
PARTICLE SIZE (μ)
100 90 80 70 60 50 40 30 20 10 9 8 7 6 5 4 3 2
TRAY T-101
SAMPLE D-2 EVENT 9 SOIL
MEAN PARTICLE SIZE = 19 μm

PS OF ENGINEERS-A3128-9/6/82
Y T-101, SAMPLE A-1-EVENT 12 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
55, 140, 178, 4
41, 132, 172, 8
17, 129, 155, 12
00, 100, 127, 16
84, 85, 112, 20
36, 33, 44, 40
21, 17, 29, 60
12, 13, 13, 80
7, 6, 6, 100
,0,0,0
ER MAGNIFICATION
0X

473 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
94.0803 8
84.778 12
69.1332 16
59.408 20
23.8901 40
14.1649 60
9.03383 80
4.01691 100

MPLE A-2 EVENT 12 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
59, 172, 178, 4
37, 138, 150, 8
97, 92, 113, 12
80, 72, 103, 16
73, 56, 77, 20
43, 23, 34, 40
31, 14, 22, 60
22, 6, 15, 80
17, 4, 10_, 100
,0,0,0
ER MAGNIFICATION
0X

509 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
83.4971 8
59.332 12
50.0982 16
40.4715 20
19.6464 40
13.1631 60
8.44794 80
6.09037 100

Y T-101 CONT
PLE A-3 EVENT 24 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
61, 254, 273 2
45, 199, 215, 8
44, 154, 161, 12
68, 112, 110, 16
32, 93, 89, 20
43, 30, 30, 40
18, 13, 8, 60
11, 9, 4, 80
7, 7, 2, 100
0,0,0,0
ER MAGNIFICATION
0X

3447 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
16.217 12
11.3142 16
9.10937 20
2.98811 40
1.13142 60
0.696258 80
0.464172 100

MPLE A-4 EMENT 24 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
24, 134, 124, 4
10, 130, 108, 8
88, 102, 79, 12
71, 76, 62, 16
53, 66, 51 , 20
0, 21, 20, 40
6, 13, 8, 60
5, 9, 6, 80
2, 6, 5, 100
0,0,0,0
ER MAGNIFICATION
0X

382 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
91.0995 8
70.4188 12
54.712 16
44.5026 20
15.9686 40
7.06806 60
5.2356 80
3.40314 100

```
Y T-101 CONT
PLE A-5 EVENT  24 CLAY (CH)
300

BER OF PARTICLES  GREATER THAN
FIELD OF VIEW       (MICRONS)
 1     2     3
53,  155,  120,            4
21,  125,  105,            8
87,   95,   84,           12
62,   73,   65,           16
42,   56,   57,           20
12,   26,   22,           40
 5,   13,   10,           60
 1,   10,    5,           80
 1,    8,    4,          100
,0,0,0
ER MAGNIFICATION
0X
                428  =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN         MICRONS
                82.0093             8
                62.1495             12
                46.729              16
                36.215              20
                14.0187             40
                6.54206             60
                3.73832             80
                3.03738             100

MPLE A-6 EVENT 15 CLAY (CH)
300

BER OF PARTICLES  GREATER THAN
FIELD OF VIEW       (MICRONS)
 1     2     3
73,  155,  194,            4
38,  139,  171,            8
01,  119,  142,           12
85,  101,  122,           16
60,   78,   99,           20
28,   30,   34,           40
12,   16,   17,           60
 7,    9,    5,           80
 4,    9,    3,          100
,0,0,0
ER MAGNIFICATION
0X
                522  =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN         MICRONS
                85.8238             8
                69.3487             12
                59.0038             16
                45.4023             20
                17.6245             40
                8.62069             60
                4.02299             80
                3.06513             100
```

Y T-101 CONT
PLE B-1 EVENT 15 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
18, 374, 389, 4
28, 293, 318, 8
36, 200, 235, 12
67, 153, 164, 16
25, 124, 120, 20
41, 43, 45, 40
21, 18, 22, 60
12, 14, 9, 80
8, 6, 7, 100
,0,0,0
ER MAGNIFICATION
0X

1181 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
79.5089 8
56.8163 12
40.9822 16
31.2447 20
10.9229 40
5.16511 60
2.96359 80
1.77815 100

MPLE B-2 EVENT 15 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
47, 376, 356, 4
65, 320, 262, 8
84, 207, 194, 12
44, 151, 127, 16
01, 112, 88, 20
23, 29, 28, 40
10, 10, 13, 60
9, 2, 9, 80
3, 1, 6, 100
,0,0,0
ER MAGNIFICATION
0 X

1079 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
78.4986 8
54.2169 12
39.1103 16
27.8962 20
7.41427 40
3.05839 60
1.85357 80
0.926784 100

AY T-101 CONT
MPLE B-3 EVENT 18 CLAY (CH)
4300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
546, 664, 730, 4
436, 549, 566, 8
326, 396, 425, 12
221, 304, 294, 16
160, 221, 228, 20
36, 56, 71, 40
19, 28, 34, 60
11, 14, 18, 80
7, 6, 13, 100
0, 0, 0, 0
TER MAGNIFICATION
50X

1940 =TOTAL PARTICLES COUNTED
PARTICLE SIZE GREATER THAN MICRONS
79.9485 8
59.1237 12
42.2165 16
31.3918 20
8.40206 40
4.17526 60
2.21649 80
1.34021 100

MPLE B-4 EVENT 18 CLAY (CH)
4300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
210, 225, 284, 1.4
155, 168, 198, 2.3
116, 119, 150, 3.8
102, 102, 129, 4.7
88, 87, 114, 5.6
66, 67, 75, 8.0
56, 52, 55, 10.3
27, 27, 28, 20.7
13, 17, 13, 31.0
5, 7, 5, 47.0
1, 2, 2, 67.7
0, 0, 0, 0
ER MAGNIFICATION
00X

719 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
72.4618 2.3
53.5466 3.8
46.3143 4.7
40.1947 5.6
28.9291 8
22.6704 10.3
11.4047 20.7
5.98053 31
2.36439 47
0.69541 67.7

Y T-101 CONT
PLE B-5 EVENT 18 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
18, 217, 321, 1.4
91, 180, 233, 2.3
49, 126, 157, 3.8
80, 109, 138, 4.7
67, 95, 120, 5.6
42, 79, 76, 8.0
33, 57, 61, 10.3
11, 22, 18, 20.7
9, 9, 7, 31.0
0, 9, 1, 47.0
0, 2, 0, 67.7
0,0,0,0
ER MAGNIFICATION
00X

756 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN MICRONS
79.8942 2.3
57.1429 3.8
43.254 4.7
37.3016 5.6
26.0582 8
19.9735 10.3
6.74603 20.7
3.30688 31
1.32275 47
0.26455 67.7

MPLE B-6 EVENT E#2 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
16, 280, 247, 4
67, 201, 218, 8
10, 121, 148, 12
77, 89, 87, 16
59, 59, 66, 20
16, 14, 12, 40
11, 11, 7, 60
6, 6, 7, 80
6, 5, 5, 100
0,0,0,0
ER MAGNIFICATION
0X

743 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN MICRONS
78.8695 8
51.0094 12
34.0511 16
24.7645 20
5.65276 40
3.9031 60
2.5572 80
2.15343 100

Y T-101 CONT
PLE C-1 EVENT E#2 CLAY (CH)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
19, 105, 155, 4
76, 69, 114, 8
49, 48, 79, 12
33, 38, 57, 16
29, 25, 32, 20
6, 5, 9, 40
6, 3, 4, 60
5, 2, 3, 80
4, 1, 3, 100
, 0, 0, 0
ER MAGNIFICATION
0X

379 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
68.3377 8
46.438 12
33.7731 16
22.6913 20
5.27704 40
3.43008 60
2.63852 80
2.11082 100

MPLE C-2 EVENT 10 DIRT
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
63, 92, 71, 4
42, 74, 60, 8
24, 55, 50, 12
18, 50, 34, 16
15, 46, 29, 20
9, 26, 12, 40
9, 22, 8, 60
8, 12, 8, 80
5, 12, 8, 100
0, 0, 0, 0
TER MAGNIFICATION
0X

226 =TOTAL PARTICLES COUNTED
ARTICLE SIZE GREATER THAN MICRONS
77.8761 8
57.0796 12
45.1327 16
39.823 20
20.7965 40
17.2566 60
12.3894 80
11.0619 100

```
IY T-101 CONT
IPLE C-3 EVENT 11 DIRT
I300

IBER OF PARTICLES  GREATER THAN
 FIELD OF VIEW       (MICRONS)
 1     2     3
504,  358,  328,           4
428,  265,  253,           8
290,  184,  173,          12
187,  143,  112,          16
144,  101,   85,          20
 45,   39,   15,          40
 20,   16,    8,          60
 14,   10,    4,          80
 10,    7,    2,         100
0, 0, 0, 0
TER MAGNIFICATION
50X
                1290  =TOTAL PARTICLES COUNTED
PARTICLE SIZE GREATER THAN         MICRONS
                73.3333              8
                50.155               12
                34.2636              16
                25.5814              20
                7.67442              40
                3.41085              60
                2.17054              80
                1.47287              100

AMPLE C-4 EVENT 11 DIRT
N300

IBER OF PARTICLES  GREATER THAN
 FIELD OF VIEW       (MICRONS)
 1     2     3
563,  437,  542,           4
442,  386,  465,           8
353,  281,  385,          12
278,  231,  299,          16
219,  168,  245,          20
105,   82,  115,          40
 53,   50,   58,          60
 34,   30,   34,          80
 24,   21,   19,         100
0, 0, 0, 0
TER MAGNIFICATION
50X
                1542  =TOTAL PARTICLES COUNTED
PARTICLE SIZE GREATER THAN         MICRONS
                83.8521              8
                66.083               12
                52.3995              16
                40.9857              20
                19.585               40
                10.441               60
                6.35538              80
                4.15045              100
```

NY T-101 CONT
MPLE C-5 EVENT 8 SOIL
1300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
45, 126, 73, 4
19, 104, 63, 8
04, 93, 54, 12
82, 74, 51, 16
70, 69, 45, 20
41, 38, 24, 40
30, 20, 17, 60
20, 17, 14, 80
12, 10, 10, 100
0, 0, 0, 0
TER MAGNIFICATION
50X

344 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN MICRONS
83.1395 8
72.9651 12
60.1744 16
53.4884 20
29.9419 40
19.4767 60
14.8256 80
9.30233 100

AMPLE C-6 EVENT 8 SOIL
1300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
550, 296, 108, 1.4
435, 182, 67, 2.3
259, 119, 29, 3.8
209, 77, 17, 4.7
145, 63, 12, 5.6
96, 35, 6, 8.0
68, 26, 5, 10.3
7, 5, 3, 20.7
4, 2, 2, 31.0
1, 0, 2, 47.0
0, 0, 0, 0
TER MAGNIFICATION
200X

954 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN MICRONS
71.6981 2.3
42.6625 3.8
31.761 4.7
23.0608 5.6
14.3606 8
10.3774 10.3
1.57233 20.7
0.838574 31
0.314465 47

)Y T-101 CONT
IPLE D-1 EVENT 9 SOIL
)300

)BER OF PARTICLES GREATER THAN
 FIELD OF VIEW (MICRONS)
 1 2 3
 97, 111, 161, 4
 69, 73, 136, 8
 59, 51, 101, 12
 47, 39, 81, 16
 44, 32, 66, 20
  23, 18, 21, 40
 18, 12, 14, 60
 12,   6,   9, 80
  8,   5,   6, 100
),0,0,0
TER MAGNIFICATION
50 X
  369 =TOTAL PARTICLES COUNTED
PARTICLE SIZE GREATER THAN MICRONS
  75.3388 8
  57.1816 12
  45.2575 16
  38.4824 20
  16.8022 40
  11.9241 60
  7.31707 80
  5.14905 100

AMPLE D-2 EVENT 8 SOIL (NOT ENOUGH PARTICLES FOR STST. COUNT)
)300

)BER OF PARTICLES GREATER THAN
 FIELD OF VIEW (MICRONS)
 1 2 3
 41, 49, 21, 4
 30, 44, 18, 8
 20, 33, 13, 12
 13, 22, 8, 16
 12, 18, 7, 20
  6, 11, 6, 40
  5, 11, 5, 60
  4, 9, 4, 80
  2, 7, 3, 100
),0,0,0
TER MAGNIFICATION
50X
  111 =TOTAL PARTICLES COUNTED
PARTICLE SIZE GREATER THAN MICRONS
  82.8829 8
  59.4595 12
  38.7387 16
  33.3333 20
  20.7207 40
  18.9189 60
  15.3153 80
  10.8108 100

Y T-9A
PLE A-1 EVENT 15 SOIL
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
26, 221, 255, 4
82, 176, 210, 8
48, 140, 167, 12
21, 94, 153, 16
96, 84, 123, 20
61, 45, 56, 40
48, 37, 41, 60
36, 30, 24, 80
28, 24, 22, 100
0,0,0,0
ER MAGNIFICATION
0X

702 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
80.9117	8
64.8148	12
52.4217	16
43.1624	20
23.0769	40
17.9487	60
12.8205	80
10.5413	100

MPLE A-3 EVENT 16 SOIL
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
45, 182, 121, 4
78, 113, 88, 8
35, 72, 57, 12
90, 52, 44, 16
81, 37, 38, 20
31, 20, 24, 40
23, 17, 19, 60
19, 14, 17, 80
13, 11, 14, 100
0,0,0,0
ER MAGNIFICATION
0X

548 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
69.1606	8
48.1752	12
33.9416	16
28.4672	20
13.6861	40
10.7664	60
9.12409	80
6.93431	100

Y T-9A CONT
PLE A-4 EVENT 16 SOIL (NOT ENOUGH PARTICLES FOR STAT. COUNT)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
58, 39, 28, 4
31, 36, 24, 8
17, 22, 6, 12
14, 18, 1, 16
13, 14, 1, 20
9, 6, 1, 40
9, 3, 1, 60
9, 3, 1, 80
9, 2, 1, 100
0, 0, 0
ER MAGNIFICATION
0X

125 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
72.8	8
36	12
26.4	16
22.4	20
12.8	40
10.4	60
10.4	80
9.6	100

MPLE A-5 EVENT 3 SAND
300

BER OF PARTICLES . GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
18, 253, 286, 4
74, 203, 234, 8
26, 145, 157, 12
87, 96, 101, 16
67, 65, 69, 20
12, 9, 13, 40
10, 4, 4, 60
2, 3, 3, 80
2, 0, 3, 100
0, 0, 0, 0
TER MAGNIFICATION
50X

757 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
80.7133	8
56.539	12
37.5165	16
26.5522	20
4.49141	40
2.37781	60
1.0568	80
0.660502	100

Y T-9A CONT
PLE A-6 EVENT 3 SAND
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)

1	2	3	
69,	68,	79,	4
48,	48,	66,	8
25,	33,	47,	12
18,	26,	30,	16
14,	17,	23,	20
6,	5,	8,	40
5,	4,	2,	60
5,	4,	2,	80
5,	3,	1,	100

,0,0,0
ER MAGNIFICATION
0X

216 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN	MICRONS
75	8
48.6111	12
34.2593	16
25	20
8.7963	40
5.09259	60
5.09259	80
4.16667	100

MPLE B-1 EVENT 4 SAND (NOT ENOUGH PARTICLES FOR A STAT. COUNT)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)

1	2	3	
30,	84,	65,	4
17,	72,	50,	8
12,	57,	32,	12
7,	42,	20,	16
5,	33,	15,	20
4,	17,	4,	40
4,	9,	2,	60
4,	6,	1,	80
4,	5,	1,	100

,0,0,0
ER MAGNIFICATION
0X

179 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN	MICRONS
77.6536	8
56.4246	12
38.5475	16
29.6089	20
13.9665	40

Y T-9A CONT
PLE B-2 EVENT 4 SAND (NOT ENOUGH PARTICLES FOR A STAT. COUNT)
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
28, 51, 50, 4
19, 34, 30, 8
11, 24, 24, 12
10, 15, 18, 16
8, 12, 17, 20
6, 5, 10, 40
3, 1, 10, 60
3, 1, 8, 80
2, 1, 5, 100
,0,0,0
ER MAGNIFICATION
0X

129 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN MICRONS
64.3411 8
45.7364 12
33.3333 16
28.6822 20
16.2791 40
10.8527 60
9.30233 80
6.20155 100

MPLE B-3 EVENT 1 CLAY
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
94, 195, 163, 4
31, 147, 121, 8
70, 87, 75, 12
38, 50, 48, 16
21, 32, 36, 20
7, 3, 10, 40
2, 1, 7, 60
2, 0, 3, 80
2, 0, 1, 100
,0,0,0
ER MAGNIFICATION
0X

552 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN MICRONS
72.2826 8
42.029 12
24.6377 16
16.1232 20
3.62319 40
1.81159 60
0.905797 80
0.543478 100

Y T-9A CONT
PLE B-4 EVENT 1 CLAY
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)

1	2	3	
86,	170,	330,	4
31,	126,	244,	8
55,	92,	171,	12
09,	57,	120,	16
78,	34,	86,	20
29,	9,	19,	40
12,	6,	8,	60
8,	3,	4,	80
6,	2,	4,	100

,0,0,0
ER MAGNIFICATION
0X

786 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN	MICRONS
76.4631	8
53.1807	12
36.3868	16
25.1908	20
7.25191	40
3.30789	60
1.9084	80
1.52672	100

MPLE B-5 EVENT 2 CLAY
300

BER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)

1	2	3	
17,	214,	225,	4
50,	166,	177,	8
56,	105,	130,	12
86,	74,	95,	16
64,	59,	86,	20
59,	17,	38,	40
26,	12,	14,	60
22,	6,	8,	80
10,	3,	4,	100

,0,0,0
ER MAGNIFICATION
0X

856 =TOTAL PARTICLES COUNTED

ARTICLE SIZE GREATER THAN	MICRONS
80.9579	8
57.3598	12
41.472	16
36.0981	20
13.3178	40
6.07477	60
4.20561	80
1.98598	100

RY T-9A CONT
MPLE B-6 EVENT 2 CLAY
N300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
590, 544, 358, 1.4
356, 365, 252, 2.3
188, 231, 143, 3.8
135, 175, 96, 4.7
105, 122, 65, 5.6
59, 79, 36, 8.0
35, 43, 23, 10.3
10, 7, 3, 20.7
0, 0, 3, 31.0
0, 0, 2, 47.0
0, 0, 0, 0
TER MAGNIFICATION
200X

1492 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
65.2145	2.3
37.6676	3.8
27.2118	4.7
19.571	5.6
11.6622	8
6.76944	10.3
1.34048	20.7
0.201072	31
0.134048	47

MPLE C-1 EVENT 5 SOIL
N300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)
1 2 3
154, 49, 89, 4
125, 41, 72, 8
94, 26, 41, 12
67, 18, 35, 16
46, 13, 25, 20
14, 7, 14, 40
7, 5, 8, 60
4, 3, 6, 80
3, 3, 4, 100
0, 0, 0, 0
TER MAGNIFICATION
50X

292 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
81.5069	8
55.137	12
41.0959	16
28.7671	20

NY T-9A CONT
MPLE C-2 EVENT 5 SOIL
4300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)

1	2	3	
275,	189,	152,	4
207,	169,	116,	8
145,	126,	67,	12
125,	104,	59,	16
83,	78,	43,	20
27,	36,	12,	40
11,	15,	10,	60
4,	6,	5,	80
1,	2,	3,	100

0, 0, 0, 0
TER MAGNIFICATION
50X

616 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
79.8701	8
54.8701	12
46.7532	16
33.1169	20
12.1753	40
5.84416	60
2.43506	80
0.974026	100

AMPLE C-3 EVENT 7 SOIL
4300

MBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)

1	2	3	
00,	95,	78,	4
77,	75,	63,	8
51,	59,	58,	12
38,	50,	45,	16
29,	37,	38,	20
13,	19,	21,	40
8,	11,	12,	60
4,	7,	8,	80
3,	6,	6,	100

0, 0, 0, 0
TER MAGNIFICATION
50X

273 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
78.7546	8
61.5385	12
48.7179	16
38.0952	20
19.4139	40
11.3553	60
6.95971	80
5.49451	100

IY T-9A CONT FINAL SAMPLE
IPLE C-4 EVENT 7 SOIL (NOT ENOUGH PARTICLES FOR A STAT. COUNT)
1300

IBER OF PARTICLES GREATER THAN
FIELD OF VIEW (MICRONS)

1	2	3	
53,	52,	75,	4
37,	37,	56,	8
36,	24,	34,	12
21,	19,	24,	16
21,	18,	18,	20
11,	10,	13,	40
6,	9,	9,	60
6,	8,	7,	80
6,	6,	6,	100

1.0,0,0
TER MAGNIFICATION
50X

180 =TOTAL PARTICLES COUNTED

PARTICLE SIZE GREATER THAN	MICRONS
72.2222	8
52.2222	12
35.5556	16
31.6667	20
18.8889	40
13.3333	60
11.6667	80
10	100